

KODAIKANAL INTERNATIONAL SCHOOL

KIS Diploma Program
Information handbook for parents and students



KIS Diploma Program

In 1929 Kodai School established a four year American High School program and was accredited by the Middle States Association of Schools and Colleges in the US in 1968. Later in 1976 Kodaikanal International School became the first school in India and the second school in Asia to adopt the International Baccalaureate Diploma program with thirty two years of proven experience.

KIS is unique in offering the IB Diploma program in parallel with the KIS Diploma. The IB Diploma program is fully integrated with the KIS Diploma which must be taken by all students from grade 9 to 12. However, students have the option of also doing the full IB Diploma or taking IB certificates in certain subjects if desired alongside the KIS Diploma. The IB curriculum is followed for the KIS Diploma thus ensuring their effective integration with one another.

Apart from satisfying the rigorous IB requirements, the IB Diploma students also need to satisfy additional requirements for the KIS Diploma which are:

- Computer Application (2.5 credits)
- FAPA (5 credits)
- Social Experience (20 hours per year)
- Health (2.5 credits)
- Physical Education (3 credits per semester)
- Religious Education (2.5 credits)

Thus the full IB diploma graduates are also awarded the KIS Diploma on successful completion of the given requirements.

For approximately 600 students coming from around 30 countries KIS offers a large variety of second languages at various levels in keeping with its philosophy of promoting international mindedness.

The KIS Diploma offers additional subjects other than those offered through the IB program such as:

- English 11 & 12
- Second Language - Dzongkha / Hindi Beginners
- Science - Bio tech
- IT - Computer Applications / Robotics
- Social Studies - Political Studies / Accountancy
- Religious Education - Modern Religious Thought / Basic Christianity / Advanced Christianity / Ethics / Judaism and Islam / Buddhism and Hinduism
- FAPA
 - Fine Art: Advanced Art, Art Application: Architecture & Design,
 - Performing Arts: Drama, music individual lessons + practice (Piano, Woodwinds, Brass, Percussion, Voice, Strings, Classical Guitar, Veena, Carnatic Vocal, Tabla and Indian Dance) / Intermediate Choir / Intermediate Band / Small Orchestra / Advanced Band / Advanced Choir / Honors Choir
 - Practical Arts: Industrial Arts – Auto Mechanics, Baking / Indian Cooking / International Cooking,
 - Media Arts - Creative Writing / Journalism / Yearbook / Photography
- Physical Education
- Social Experience

Table of contents

KIS Diploma Program.....	2
KIS Diploma Academic Philosophy	4
KIS Diploma Academic Policy	4
MYP & KIS Diploma in the Middle School (grade 9 – 10).....	7
Courses	12
IB Diploma Program and the KIS Diploma in High School	13
KIS Diploma High School course description.....	17
Group 1 English	17
Group 2 Second Languages	20
Group 3 Social Studies	22
Group 4 Science	27
Group 5 Mathematics.....	30
Group 5 Computer Education	32
Group 6 Fine & Practical Arts (FAPA).....	34
Additional courses required for KIS Diploma	40
Health	40
Religious Education	41
Physical Education.....	43
Social Experience (SoEx)	45
IB Diploma requirement:	46
Learning Resources	47
Library	48
Appendix 1 - Policy on academic honesty	50
Appendix 2 - KIS teacher resources, tips and general expectations	52
Appendix 3 - IB / KIS Diploma student resources and assistance.....	53
Form 1 - KIS Diploma Program (2009-2010).....	54
Form 2 - The online registration procedure (grade 11).....	55
Form 3 - The online registration procedure (grade 12).....	57

KIS Diploma Academic Philosophy

KIS graduation goals

Kodaikanal International School believes that graduating students should demonstrate:

Thinking, knowledge and understanding by:

- Acquiring core knowledge in the areas of mathematics, physical and life sciences literature, social studies and religious studies
- Applying knowledge and understanding to identify and address complex problems
- Justifying one's views and actions with reasonable, intelligible arguments

Skills and work habits necessary for learning by:

- Using techniques, tools and technology in a wide variety of situations
- Organizing time and resources to accomplish goals, both individually and as part of a team
- Valuing the process as much as the product of one's work

Communication skills by:

- Reading, writing, listening and speaking effectively in at least two languages

Skill in developing and maintaining well being by:

- Being able to care for oneself physically and emotionally
- Accepting the challenge to grow spiritually

Aesthetic sensitivity and expression by:

- Developing and expressing oneself creatively and imaginatively
- Being sensitive to aesthetic quality in the arts and in one's own work

Attitudes and social interactions conducive to peaceful, purposeful and joyful living by:

- Thinking and acting independently
- Living with and for others
- Demonstrating empathy and respect for others
- Taking responsibility for one's own actions
- Demonstrating an understanding of and concern for the environment
- Understanding structures that perpetuate injustice, violence and oppression in society, between societies, between nations, religions and cultures; perceive one's own place within these structures

KIS Diploma Academic Policy

Introduction

KIS High School offers a challenging academic program. Emphasis is laid on holistic student development and individual attention provides the supports necessary to meet the physical, emotional, spiritual and social needs of all students. Kodaikanal International School is unique in offering the IB Diploma program in parallel with the KIS Diploma since 1976. The IB Diploma program is fully integrated with the KIS Diploma which is accredited by the Middle States Association of Schools and Colleges. The KIS Diploma must be taken by all students from grade 9 to 12. However, students have the option of also doing the full IB Diploma or taking IB certificates in certain subjects if desired alongside the KIS Diploma. The IB curriculum is followed for the KIS Diploma thus ensuring their effective integration with one another.

- KIS Diploma has been US accredited by the Middle States Association of Schools and Universities, Philadelphia (MSA) since 1968 and has been recognized by the Association of Indian Universities since 1981 allowing KIS graduates direct entry to Indian universities (+2 secondary education).
- KIS has been offering the International Baccalaureate (IB) Diploma program since 1976 and was the first IB world school and international school in India, as well as among the first 20 schools in the world to take on this exciting program.

KIS Diploma: grades 9 - 12

KIS Diploma credits are accumulated over 4 years (grades 9 – 12). Middle School students taking the IBO Middle Years Program (grades 6 – 10) start acquiring credits during grade 9 which are then transferred to High School at the beginning of grade 11. The table below shows the credit requirements in various subject areas.

The minimum total credits required to receive the KIS Diploma is 250 with a minimum of 60 credits required per year.

Students select required courses in consultation with KIS High School / IB Diploma Coordinator, Careers & College Advisor and their advisors. Credits are given for passing courses and students are required to have a total of 250 credits (plus PE credits and community service hours) to graduate and receive the KIS Diploma.

Credit requirements

Credit requirements for the KIS Diploma are as follows:

English	40
Mathematics	30
Science	30
Second Language	30
Social Studies	30
Religious Education	15
Computer Studies	2.5
Fine & Practical Arts	25
Health	7.5
Electives*	40
Total	250

*Elective refers to any credits earned above the subject specific requirements.

Plus:

- 3 credits for Personal Project in grade 10
- 3 Physical Education credits for each semester enrolled at KIS
- Social Experience requirements

Credit transfer policy

Students who transfer to KIS in grades 9 - 11 are given 30 transfer credits per semester for work done in their previous schools:

English	5
Mathematics	5
Science	5
Second Language	5
Social Studies	5
Electives	5

Transfer students are not required to make up required courses from previous years. For example, a student coming into grade 10 does not need to take grade 9 Religious Education (RE) and so needs only 10 RE credits to graduate.

Fine & Practical Arts (FAPA) credits for transfer students joining KIS in:	
Grade 9	25 FAPA credits
Grade 10	15 FAPA credits
Grade 11	5 FAPA credits
Grade 12	2.5 FAPA credits

Religious Education (RE) credits for transfer students joining KIS in:	
Grade 9	15 RE credits
Grade 10	10 RE credits
Grade 11 & 12	For KIS diploma - 12.5 RE credits For IB diploma - 2.5 RE credits

Computer credits: Incoming transfer students who have sufficient computer literacy skills may test out of the required PC Applications course. Students will receive 2.5 computer credits for successfully passing the competency test at 80%. See 'Technology' for a definition of the competency skills required for graduation and the details of the competency test.

Requirements that are waived reduce the credits needed in the category as well as total credits for graduation, for example students joining KIS High School in:

Credit requirements		
Grade 10	225	+ personal project & physical education
Grade 11	215	+ physical education
Grade 12	212.5 credits	+ physical education

KIS Middle School students who have successfully completed the Middle School computer program with a grade 5 or higher are not required to take the PC Applications course.

Required courses

Each grade of this program has compulsory courses to be taken from the following departments:

Grade 9

- Language A
- Language B
- Humanities 9
- Mathematics 9
- Science
- Technology
- Arts
- PE
- RE
- Health

Grade 10

- Language A
- Language B
- Humanities
- Mathematics
- Science
- Technology
- Arts
- PE
- RE
- Health

Grade 11

- English
- Mathematics
- Science
- Second Language
- Social Studies
- Physical Education
- Religious Education (2 semesters in grade 11 or 12)
- Social Experience
- Health (1 semester in grade 11 or 12)
- Fine & Practical Arts

Grade 12

- English
- Physical Education
- Social Experience
- Fine and Practical Arts
- Electives

**Note: All students must take at least 5 five-credit courses, for a total of 25 credits*

We recommend that students intending to compete by merit for seats in Indian engineering and medical colleges plan to take tutorials following graduation from Kodaikanal International School to prepare for entrance exams. They may not have time for these tutorials during their senior year.

High School assessment policy

Academic progress is internally assessed and letter grades are awarded.

KIS Assessment period and assessment weightage:

KIS academic year is divided into 2 semesters:

Semester I:

Quarter 1 – 40 % weightage

Quarter 2 – 40 % weightage

Semester I exam – 20 % weightage

Semester II:

Quarter 1 – 40 % weightage

Quarter 2 – 40 % weightage

Semester II exam – 20 % weightage

Nature of Assessment

KIS gives 80% weightage for the formative assessments in the two quarter assessments and 20 % for summative assessment which consist of an examination at the end of each semester.

Quarter Assessments

The quarter assessments are based on the continuous assessment system, following the criterion referencing.

What is continuous assessment?

Continuous assessment is a classroom strategy implemented by teachers to ascertain the knowledge, understanding, and skills attained by pupils. Teachers administer assessments in a variety of ways over time to allow them to observe multiple tasks and to collect information about what pupils know, understand, and can do. These assessments are curriculum-based tasks previously taught in class. Continuous assessment occurs frequently during the school year and is part of regular teacher-pupil interactions. Pupils receive feedback from teachers based on their performance that allows them to focus on topics they have not yet mastered. Teachers learn which students need review and remediation and which pupils are ready to move on to more complex work.

Thus, the results of the assessments help to ensure that all pupils make learning progress throughout the school cycle thereby increasing their academic achievement.

What are the benefits of continuous assessment?

The continuous assessment process is much more than an examination of pupil achievement. Continuous assessment is also a powerful diagnostic tool that enables pupils to understand the areas in which they are having difficulty and to concentrate their efforts in those areas.

Continuous assessment also allows teachers to monitor the impact of their lessons on pupil understanding. Teachers can modify their pedagogical strategies to include the construction of

remediation activities for pupils who are not working at the expected grade level and the creation of enrichment activities for pupils who are working at or above the expected grade level. Hence, the continuous assessment process supports a cycle of self-evaluation and pupil-specific activities by both pupils and teachers.

Frequent interactions between pupils and teachers mean that teachers know the strengths and weaknesses of their learners. These exchanges foster a pupil-teacher relationship based on individual interactions. Pupils learn that the teacher values their achievements and that their assessment outcomes have an impact on the instruction that they receive. One-to-one communication between the teacher and the pupil can motivate pupils to continue attending school and to work hard to achieve higher levels of mastery.

In continuous assessment, teachers assess the curriculum as implemented in the classroom. It also allows teachers to evaluate the effectiveness of their teaching strategies relative to the curriculum, and to change those strategies as dictated by the needs of their pupils. In addition, continuous assessments provide information on achievement of particular levels of skills, understanding, and knowledge rather than achievement of certain marks or scores. Thus, continuous assessment enables pupils to monitor their achievement of grade level goals and to visualize their progress towards those goals before it is too late to achieve them.

How does High School continuous assessment work?

KIS academic year is divided into 2 semesters, each with 2 quarters. Teachers write grade reports at the end of 1st and 3rd quarters (September and March) and at the end of 1st and 2nd semesters (November and May).

In each quarter different types of assessments are given such as **tests, quizzes, presentations, group discussion, debates, assignments, project work, note taking skills, research papers, experiments, class participation, open book tests and assignments and so on**. Teachers are responsible for structuring varied and valid assessment tasks (including tests and examinations) that will allow students to demonstrate achievement according to the objectives for each subject group. It is mandatory to have at least four different types of assessments in each quarter in each subject area. The weightage is decided by the teacher according to the importance of each assessment.

The recording of the assessment is done in the KIS software entitled "My Classes" which has login provision for students, staff and parents.

At each mid-quarter interim reports are written for those on academic observation which includes those in their first semester at KIS.

In keeping with the ethos of approaches to learning, schools also make use of quantitative and qualitative assessment strategies and tools that provide opportunities for peer- and self-assessment.

- Each subject has a number of different criteria which are the conditions that must be met for an expected result.
- Criteria generally include knowledge, skills, and presentation.

What is criterion-based assessment?

- Individual student work is not compared to other students' work but it is compared to set standards (the assessment criteria).

Teachers organize continuous assessment over the course of the program according to specified assessment criteria that correspond to the objectives of each subject group. Task specific rubrics are prepared in accordance with the grade descriptors given in each subject area – see KIS / IB / MYP Assessment Policies.

Regular school assessment and reporting play a major role:

- in the students' and parents' understanding of the objectives and assessment criteria

- in the students' preparation for final assessment
- in the development of the curriculum according to the principles of the program.

The recording and reporting of individual levels of achievement are organized in ways that provide students with detailed feedback on their progress as it relates to the assessment criteria for each subject group.

Semester examinations

Internal school examinations are given at the end of each semester, covering the course work of that semester using the IB subject specific criterion. Student may level for vacation only after their exams are over. The final day of exams is on the school calendar.

Students sitting for IB exams in may do not take KIS semester exams in their IB exam subjects. Seniors sitting for Indian medical or engineering entrance exams do not need to take KIS second semester exams as follows:

Engineering : Chemistry, Physics, Maths

Medicine : Chemistry, Physics, Biology

The IB Grades in each subject area are based on their specific descriptors.(- see KIS / IB / MYP Assesment Policies).

Conversion of KIS Diploma to letter grade

KIS Diploma and IB Diploma

Given the reality of KIS Diploma which uses letter grades while the IB grades are number grades, the table below illustrates the conversion of the two.

Letter grades of KIS Diploma to IBGrade

Quarter 1 (40%)+ Quarter 2 (40%) + Semester Exam (20%) = Semester grade			
Letter grade	Grade points *	IB grade	Graded descriptors
A+	4.0	7	Excellent
A	4.0	7	Excellent
A -	3.7	6	Very Good
B+	3.3	6	Very Good
B	3.0	5	Good
B -	2.7	5	Good
C+	2.3	4	Satisfactory
C	2.0	4	Satisfactory
C -	1.7	4	Satisfactory
D+	1.3	3	Mediocre
D	1.0	3	Mediocre
D -	0.7	3	Mediocre
F	0.0	2	Poor
F	0.0	1	Very Poor

* $GPA = \text{Grade Points} \times \text{Credits per course} \div \text{total credits}$

Grade Point Average (GPA)

The GPA is on a scale of 1 to 4. The GPA is calculated as follows $GPA = \text{Grade Points} \times \text{Credits per course} \div \text{total credits}$

The Honors list is prepared on the basis of GPA :

- Principal's List –Students GPA above 3.4 in each semester

- Vice Principal's List – Students with GPA between 3 to 3.39 in each semester.
- At the end of the four year High School Program , a transcript is given which reflects the students four years performance with the cumulative GPA and the class ranking.

The KIS Diploma and Indian Universities

KIS Diploma has been accredited by the Middle States Association of Colleges and Secondary Schools, Philadelphia (MSA) since 1968 and has been recognized by the Association of Indian Universities(AIU) since 1981 allowing KIS graduates direct entry to Indian universities .

This mark sheet and conversion is verified and approved by the Association of Indian Universities. For a minimum pass mark of 40% as used in India, the approximate percentage equivalents are :

Letter Grades of KIS Diploma to Indian Mark sheet (Percentage)

Quarter 1 (40%)+ Quarter 2 (40%) + Semester Exam (20%) = Semester grade	
Letter grade	Percentage range
A+	90 – 100
A	85 – 90
A -	80 – 84
B+	75 – 79
B	66 – 74
B -	60 – 65
C+	57 – 59
C	53 – 56
C -	50 – 52
D+	47 – 49
D	43 – 46
D -	40 – 42
F	< 40 and Failure

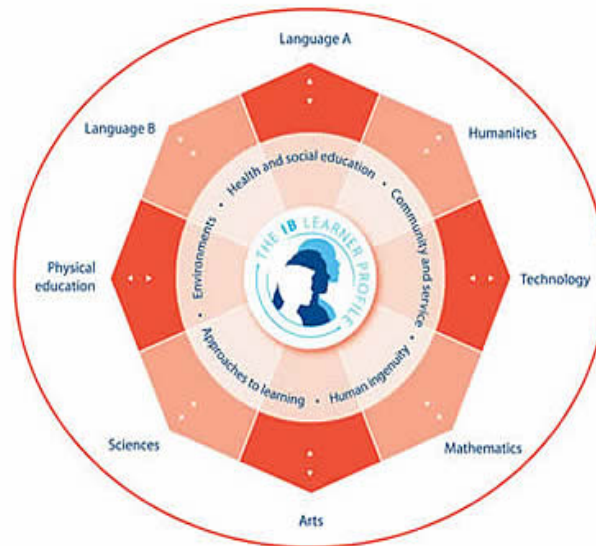
- Note :
1. The pass in each subject is 40%.
 2. Ungraded (pass-fail) subjects receive S (Satisfactory) or U (Unsatisfactory)
 3. No divisions are awarded.

The KIS Diploma is awarded each year to all those who have successfully completed it by the end of May each year. All Graduates of KIS Diploma are given Indian Mark sheet in order to have direct access to Indian Universities at the under graduate level.

MYP & KIS Diploma in the Middle School (grade 9 - 10)

The International Baccalaureate Middle Years Program (IBMYP) is an academically challenging five year course, designed to facilitate holistic learning and to promote international understanding. KIS is an authorized MYP school with the International Baccalaureate Organization. KIS got the authorization to follow the IBMYP as the curriculum framework in December 2006. KIS is unique in offering the IB MYP in parallel with the KIS Diploma since 2006 for grades 9 and 10.

The Middle Years Program curriculum model is illustrated by an octagon with eight academic areas or subject groups surrounding the areas of interaction. Students are required to choose options from each of the eight subject areas. In addition to these, KIS continues to offer Religious Education and Health. Taken as a whole, MYP curriculum provides a balanced education to equip young people for effective participation in today's world.



Requirements

Students must choose from the options offered in the 8 subject areas.

In addition students are required to do a personal project is a piece of personal research supervised by a KIS teacher in accordance with the guidelines published by the IBO.

Award of the KIS MYP certificate

While the IB MYP program commences in grade 6 in the Middle School students joining KIS at any point up to the start of grade 9 are normally eligible for the full KIS MYP Certificate and all students who have been in the program for the whole of grade 10 receive a record of achievement from KIS.

The school will issue a KIS MYP certificate to each student who satisfies the following conditions. The student must:

- Have gained at least a grade 2 in at least one subject per subject group of the MYP
- Have gained at least a grade 3 for the personal project
- Have participated in the program for at least the final two years
- Have met the expectations of community and service to the satisfaction of the school
- Have gained a grade total of at least 36 from the eight subject groups and the personal project combined, out of a possible maximum of 63

The school will issue a KIS MYP record of achievement which gives a final grade for each subject studied and states, that the community and service requirements have been met.

Courses

Grade 9

	Subject area	Compulsory courses	Additional courses
MYP requirements	Language A	English 9 English 9 Advanced Intensive English 2	
	Language B	<i>It is recommended that the course taken in previous year be continued</i> Choice from: Hindi –Standard & Advanced German – Standard & Advanced Tamil – Standard & Advanced French – foundation, Standard & Advanced Korean - Standard & Advanced Dzonghka - Standard & Advanced	
	Humanities	Humanities 9	
	Mathematics	Maths 9 or Maths 9 Advanced	
	Science	Physical Science 9 Biological Science 9	
	Technology	Food technology Computer technology	PC Applications
	Arts	Visual Arts 9 Drama 9 Classroom music 9	Individual Instrument or Voice Lessons Intermediate Band Intermediate Choir Advanced Band or Choir by audition String Chamber Orchestra
PE	PE 9		
KIS requirements	RE	Life and teachings of Jesus Christ	
	Health	Health 9	

Grade 10

	Subject area	Compulsory courses	Additional courses
MYP requirements	Language A	English 10 / English advanced 10	
	Language B	<i>It is recommended that the course taken in previous year be continued</i> Choice from: Hindi –Standard & Advanced German – Standard & Advanced Tamil – Standard & Advanced French – foundation, Standard & Advanced Korean - Standard & Advanced Dzonghka - Standard & Advanced	
	Humanities	Humanities 10	
	Mathematics	Maths 10 or Maths 10 Advanced	
	Science	Science 10 integrated - 1 semester each of Biology, Chemistry, Physics and Environmental Science.	
Technology	Food technology Computer technology It is recommended that the course taken in previous year be continued	PC Applications	

	Arts	Visual Arts 10 Drama 10 Classroom music 10 It is recommended that the course taken in previous year be continued	Individual Instrument or Voice Lessons Intermediate Band Intermediate Choir Advanced Band or Choir by audition String Chamber Orchestra
	PE	PE 10	
KIS requirements	RE	World Religion	
	Health	Health 10	

Intensive English Program Grades 6 - 10

Subject area	Intensive English 1	Intensive English 2
Language A	10 periods of class + 2 periods of extra help per cycle	10 periods of class + 2 periods of extra help per cycle
Language B	Korean 6) Korean 7) or any other second language Korean 8)	Any second language of choice
Humanities	Humanities support or Humanities (grade appropriate)	Humanities (grade appropriate)
Mathematics	Math (grade appropriate)	Maths (grade appropriate)
Science	Science support or Science (grade appropriate)	Science (grade appropriate)
Technology	Computer Technology (grade appropriate)	Computer Technology (grade appropriate)
Arts	Visual Arts Drama Classroom music (all grade appropriate)	Visual Arts Drama Classroom music (all grade appropriate)
PE	PE (grade appropriate)	PE (grade appropriate)
RE	RE (grade appropriate)	RE (grade appropriate)
Health	Health (grade appropriate)	Health (grade appropriate)

For grade 9 and 10 course descriptions for both MYP and KIS Diploma courses, policy issues and other related information please see the MYP handbook.

IB Diploma Program and the KIS Diploma in High School

At KIS the IB Diploma program is optional yet fully integrated with KIS Diploma program delivered to grades 11 - 12.

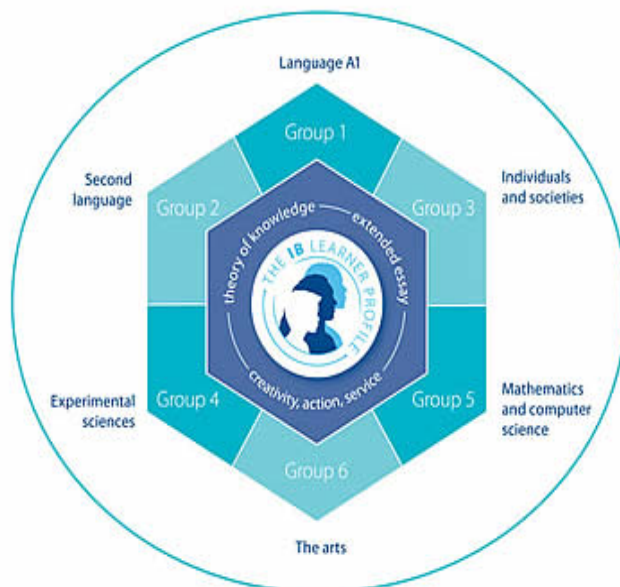
- All students follow an integrated academic schedule and graduate with the US accredited KIS Diploma
- Students following the optional IB Diploma program graduate with an IB Diploma or certificates in addition to the KIS Diploma

The IB is a rigorous program which involves studying a minimum of six subjects, three or four at Higher Level (HL) and three or two at Standard Level (SL).

The IB Diploma is awarded for satisfactory performance in a minimum of six subjects, one chosen from each of six groups illustrated in the IB hexagon below:

- Students take one subject from each of the six groups or
- One subject from each of Groups 1 - 5 and a second subject from Groups 2 - 5
- Students must take one of the three Mathematics courses in Group 5

The IB Diploma hexagon below indicates the 6 subject areas from which choice of subjects are made. For more details, see the IBO web site: www.ibo.org



Requirements

Students opting for IB Diploma are required to:

- Select three (maximum four) courses at IB Higher Level
- Select three (minimum two) at IB Standard Level
- Complete at least 100 hours of instruction in an inter disciplinary course called Theory of Knowledge or TOK
- Complete an Extended Essay of 4000 – 5000 words involving independent research in an IB subject
- Participate in an approved 150 hour program of Creativity, Action and Service activities known as CAS

High School IB and KIS Diploma courses

KIS courses offered in each subject areas are given in the table below:

Groups & departments	IB Higher Level	IB Standard Level	KIS Diploma course
Group 1			
English (one only)	English PHL/HL	English SL	English 11 & 12
Group 2			
Second Language (Language B) (one only) <i>Pre-requisite: should have had 2-5 years previous study of the language for PHL / PSL</i>	Hindi B PHL/HL German B PHL/HL Korean B PHL/HL Tamil B PHL/HL	French B SL Hindi B SL German SL Spanish ab initio SL Spanish SL Korean B SL Tamil B PSL	Dzongkha 11 & 12 Hindi (Beginners) Tamil (Beginners / intermediate)

Group 3			
Social Studies (not more than two SS course can be taken)	Economics PHL/HL Business & Management PHL/HL History PHL/HL Geography PHL/HL Psychology PHL/HL (combined class for SL & HL)	Economics SL Business Management SL Geography SL Psychology SL	& *Political Studies *Accountancy *(these semester courses go towards credits for electives)
Group 4			
Science (More than one science course can be taken)	Chemistry PHL/HL Physics PHL/HL Biology PHL/HL	Chemistry SL Physics SL Biology SL Environ. Systems SL	
Group 5			
Math (one only) <i>Pre-requisite</i>	Math PHL/HL	Math SL Math Studies SL	
IT department <i>*One semester of computer applications is a requirement for graduation</i>	Computer Science PHL/HL	Computer Science SL	Robotics

Groups & departments	IB Higher Level	IB Standard Level	KIS course
Group 6 - FAPA			
Fine Arts	Visual Arts PHL/HL	Visual Arts SL	Advanced Ar Art Applications; Architecture & Design
Performing Arts	Music PHL/HL	Music SL	Drama Individual lessons + practice: Piano, Woodwind, Brass, Percussion, Voice, Strings, Classical Guitar, Veena, Carnatic Vocal, Tabla Intermediate Choir Intermediate Band Small Orchestra Advanced Band Advanced Choir Honors Choir Band / Ensembles / Choir are 2 semester courses Indian Dance
Practical Arts			Baking Indian Cooking International Cooking
Media Arts			Journalism Yearbook Photography Creative Writing

Industrial Art			Auto Mechanics
Health			One semester only grade 11 or grade 12
Religious Education			Modern Religious Thought Basic Christianity Advanced Christianity Ethics Buddhism and Hinduism Judaism and Islam Two courses over 2 years
PE			Requires registration
Social Experience			Requires registration
TOK	Full IB requirement		

KIS is an examination center for the Royal Schools of Music (RSM London) in both theory and practical.

KIS Diploma High School course description

Group 1 English

KIS English program is divided into 'streams' or 'levels' in order to suit varying student needs. Each level is designed as a 2 year preparation in English for a specific type of diploma:

KIS Diploma

KIS English grade 11 and 12 courses pursue a non IB curriculum and are college preparatory courses.

International Baccalaureate (IB) Diploma

Students may choose their courses, Pre Standard Level (PSL) or Pre Higher Level (PHL), in grade 11 to fit an IB configuration. Prerequisites include appropriate marks in Pre IB Diploma courses at grade 10 level and / or permission from IB teachers and relevant Heads of Department. In grade 11 PSL and PHL classes begin preparation for IB examinations which are at the end of grade 12.

IB Standard (SL) and Higher Level (HL) classes are integrated as far as possible but once the IB program begins, students may encounter difficulties in moving from one level to another. Enrolment in IB classes does not obligate a student to enroll in the IB Diploma program itself.

Each year, KIS High School English program has a different focus. A schematic view of the current program is as follows:

Grade	Course	Level	Length of course	Credits
11	English 11	Grade 11	1 year	10
	English PSL	IB Pre Standard Level	1 year	10
	English PHL	IB Pre Higher Level	1 year	10
12	English 12	Pre College	1 year	10
	English SL	IB Standard Level	1 year	10
	English HL	IB Higher Level	1 year	10

KIS Diploma courses:

English 11	
Grade level	11
Length of course	1 year
Credits	10 in English
Prerequisite	English 10
<p>This course continues the pattern established in grades 9 and 10 with a 'thematic' approach to literature. Themes studied are: truth, good and evil, the nature of justice, love and hate and the greatness of man and nature. A college preparatory class, student levels in all the basic communication skills (reading, writing, speaking, listening, critical thinking and research) are assessed and developed to mastery level in all areas.</p>	

English 12	
Grade level	12
Length of course	1 year
Credits	10 in English
Prerequisite	English 11

This pre college level course takes a comprehensive approach to World Literature. Students focus on all essential communication skills necessary for college / university admission worldwide. Reading, writing, speaking, listening, critical thinking and research skills are emphasized.

IB Diploma courses:

English PSL (IB Pre Standard Level)	
Grade level	11
Length of course	1 year
Credits	10 in English
IB Level	Standard
Prerequisite	“B” in English 10 or “C+” in English 10 honors or department approval
English PSL is year 1 of a two year course. See the course description below in English SL.	

English SL (IB Standard Level)	
Grade level	12
Length of course	1 year
Credits	10 in English
IB Level	Standard
Prerequisite	“C” in English PSL (IB pre Standard Level) or department approval
<p>The language A1 course is a literature course undertaken by students in their ‘best language’, mother tongue or first language. The program encourages literary appreciation and develops a student’s oral and written skills through a study of a range of literary works.</p> <p>The SL program has 4 compulsory components with a total of 11 works:</p> <p>Part 1 - World Literature: three world literature texts studied as a group and chosen from the IB Prescribed World Literature (PWL) list</p> <p>Part 2 - detailed study: two works, selected from the IB Prescribed Book List (PBL), assessed by a formal oral commentary.</p> <p>Part 3 - group of works: three works.</p> <p>Part 4 - school’s free choice: A study of three texts listed by genre, period or theme, which will provide the basis for the internally assessed individual oral presentation.</p>	

English PHL (IB Pre Higher Level)	
Grade level	11
Length of course	1 year
Credits	10 in English
IB Level	Higher
Prerequisite	“A” in English 10 or “B” in English 10 Advanced or department approval
English PHL is year 1 of a two year course. See the course description below in English HL.	

English HL (IB HigherLevel)	
Grade level	12
Length of course	1 year
Credits	10 in English
IB Level	Higher
Prerequisite	“C+” in English PHL or department approval
<p>The HL program has 4 compulsory components with a total of 15 works:</p> <p>Part 1 - World Literature: three world literature texts studied as a group and chosen from the IB</p>	

Prescribed World Literature (PWL) List

Part 2 - detailed study: four works selected from the IB Prescribed Book List (PBL), assessed by a formal oral commentary that is internally assessed and externally moderated.

Part 3 - group of works: four works studied as a group.

Part 4 - school's free choice: A study of four texts listed by genre, period or theme, which will provide the basis for the internally assessed individual oral presentation.

Group 2 Second Languages

Second Language course offerings vary according to teacher availability and on the number of students registering for courses. It is strongly recommended that students continue in one language for at least two years.

IB Diploma courses	KIS Diploma courses
Hindi B PSL / PHL / SL / HL	Hindi – beginners
French B PSL / PHL / SL / HL	Tamil – beginners & intermediates
Spanish B Ab PSL / SL	Dzongkha – 11 & 12
Spanish B SL	
German B PSL / PHL / SL / HL	
Tamil B PSL / PHL	
Korean PSL / PHL / SL / HL	

KIS Diploma courses:

Dzongkha	
Grade level	11, 12
Length of course	1 year
Credits	10 in Second Languages
Prerequisite	None
<p>Dzongkha is provided for students at KIS with no previous knowledge of the language. The course begins with the alphabet, targeting speaking and writing skills to enable social interaction with native speakers. The course aims at developing simple communication skills in Dzongkha by focusing on listening, speaking, reading and writing within the cultural framework.</p>	

Hindi Beginners	
Grade level	11, 12
Length of course	1 year
Credits	10 in Second Languages
Prerequisite	None
<p>Hindi introductory course is normally a two year course. The course aims at developing simple communication skills in Hindi by focusing on listening, speaking, reading and writing within the cultural framework. Students will build on the early skills acquired in primary school and consolidate and expand controlled vocabulary and functional grammar. The assessments would consist of oral presentation, tests on functional grammar, simple vocabulary, comprehension and composition expected at the foundation level.</p>	

Tamil Beginners & Intermediate	
Grade level	11, 12
Length of course	1 year
Credits	10 in Second Languages
Prerequisite	None
<p>The course aims at developing and enhancing the communications skills in Tamil by focusing on fluency in listening, speaking, reading and writing within the cultural framework. The students are able to understand and use approximately 2500 words effectively and understand the difference between spoken and written language. The assessments consist of oral presentations on current topics, recitation of poems, vocabulary, compositions and comprehension tests.</p>	

IB Diploma courses: Spanish

Language B ab Initio PSL / PHL (IB Pre Standard Level / Higher Level)	
Grade level	11, 12
Length of course	2 years
Credits	10 in Second Languages (per year)
IB Level	Standard
Prerequisite	No previous exposure to the language
Language B ab Initio PSL and PHL are year 1 of a two year course. See the course description below in Language B ab Initio SL / HL.	

Spanish, French, Hindi, Tamil, German & Korean

Language B SL / HL (IB Standard Level / Higher Level)	
Grade level	11, 12
Length of course	2 year
Credits	10 in Second Languages (per year)
IB Level	Standard and Higher
Prerequisite	MYP Second Language in grade 10
<p>This Language B course is designed for students who have some previous experience of the target language. The focus of the program is on the four primary language skills: listening, speaking and reading and writing. Competence in these language skills will be achieved through an understanding of three interrelated areas which form the basis of the assessment criteria:</p> <ul style="list-style-type: none"> • handling the language accurately (grammar, syntax etc) • cultural interaction – selecting language appropriate to a particular cultural and social context and message • understanding how ideas are organized for appropriate communication <p>A wide range of texts and materials are used by the teacher to develop language skills and enhance cultural awareness.</p> <p>Though the nature of the language B program is the same for HL and SL, the two levels differ in the type of texts used and in the breadth and depth of the language used.</p>	

Group 3 Social Studies

KIS Diploma courses:

Accountancy	
Grade level	11, 12
Length of course	1 semester
Credits	As per the school policy for a semester course
Prerequisite	A preferred elective especially for those taking B&M
<p>The accountancy course is introductory in nature with the view of supporting the IB B&M SL / HL courses. The course content has the following six units:</p> <p>Unit 1: Theory base of accounting Unit 2: Generation of vouchers and recording of transactions Unit 3: Financial statements Unit 4: Financial statement of not for profit organization Unit 5: Overview of computerized accounting system Unit 6: Project work (on the course covered in the year)</p>	

Political studies	
Grade level	11, 12
Length of course	1 semester
Credits	5 in Social Studies
Prerequisite	None
<p>Designed to give students an understanding of the political world in which they live and to prepare them for life as public citizens with special emphasis on understanding India's political scenario. World wide flash points are studied in detail and debating is an important part of the course. Political theories and comparative governments are covered. Students' decision making abilities and political analysis skills are enhanced. Students are also exposed to the political philosophical term, the 'good political life'.</p>	

IB Diploma courses:

Business & Management PSL (IB Pre Standard Level)	
Grade level	11
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	None
<p>Business & Management PSL is a year 1 of a two year course. See the course description below in Business & Management SL.</p>	

Business & Management SL (IB Standard Level)	
Grade level	12
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	Business & Management PSL
<p>Business and Management is a study of how individuals and groups interact in a business environment.</p>	

This course is designed to give students an understanding of business principles, practices and develop analytical and evaluative skills. The SL syllabus consists of five compulsory modules:

- Business organizations and environment
- Marketing
- Human resource management
- Accounting and finance
- Operations management

Business & Management PHL (IB Pre Higher Level)

Grade level	11
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	None
Business & Management PHL is year 1 of a two year course. See the course description below in Business & Management HL.	

Business & Management HL (IB Higher Level)

Grade level	12
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	Business & Management PHL
Business and Management is a study of how individuals and groups interact in a business environment. This course is designed to give students an understanding of business principles, practices and develop the analytical and evaluative skills. The HL syllabus consists of six compulsory modules: <ul style="list-style-type: none"> • Business organization and environment • Business strategy • Marketing • Human resource management • Operations management • Accounting and finance 	

Economics PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11
Length of course	1 year
Credits	10 in Social Studies
IB Level	Pre Standard / Higher
Prerequisite	None
Economics PSL and PHL are year 1 of a two year course. See the course description below in Economics SL / HL.	

Economics SL / HL (IB Standard / Higher Level)

Grade level	12
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	Economics PSL
Economics SL	Economics PSL
Economics HL	Economics PSL
Economics is essentially about scarcity and resource allocation and here it is with its focus being on development. Students are required to develop an understanding and knowledge of economic concepts	

and theories and analyze and evaluate information through these concepts and theories. Application of theory to various situations is also a key requirement of the course. Both HL and SL students study the five principles areas of the curriculum. HL students study supplementary extension material in each topic.

The sections are:

- Introduction to economics
- Microeconomics
- Macroeconomics
- International economics
- Development economics

Economics SL students will not do the HL extension in micro, macro and international economics.

Geography PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11
Length of course	1 year
Credits	10 in Social Studies
IB Level	Pre Standard / Higher
Prerequisite	None
Geography PSL and PHL are year 1 of a two year course. See the course description below in Geography SL / HL.	

Geography SL / HL (IB Standard / Higher Level)

Grade level	12
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher (Group 3)
Prerequisite	
Geography SL	Geography PSL
Geography HL	Geography PHL

Geography is spatial in its approach and is concerned with the interaction between man and the environment. The IB course enables students to appreciate both the physical and human branches of the subject. The syllabus at both higher and standard levels is divided into three compulsory sections:

Part 1 Geographical skills: These are introduced and developed throughout the course in an integrated manner and permit students to use geographical terminology and techniques.

Part 2 Core themes - population, development and resources: this theme is compulsory at both HL and SL.

Part 3 Optional themes: Divided into three sections:

- *Section A:* drainage basins & their management, coasts & their management, arid environments & their management, lithospheric processes & hazards, ecosystems & human activity and climatic hazards & change
- *Section B:* settlements, contemporary issues in geographical regions, productive activities: aspects of change and globalization
- *Section C:* topographic mapping

HL students study four of the optional themes; at least two from section A and at least one from section B. At SL any two optional themes may be selected from the three sections.

History PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11, 12
Length of course	1 year
Credits	10 in Social Studies

IB Level	Pre Standard and Pre Higher
Prerequisite	None
History PSL and PHL are year 1 of a two year course. See the course description below in History SL / HL.	

History SL / HL (IB Standard / Higher Level)

Grade level	12
Length of course	1 year
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	
History SL	History PSL
History HL	History PHL
History is a study of the past to help understanding the present. The IB course promotes the acquisition of historical knowledge in breadth and depth and of different cultures. One of the main objectives of this program is to comprehend, analyze and evaluate source material.	
HL students study one prescribed subject, two 20 th century world history topics and one regional option. SL students study one prescribed subject and two 20 th century world history topics.	

Psychology PSL (IB Pre Standard Level)

Grade Level	11, 12
Length of Course	1 semester
Credits	10 in Social Studies
IB Level	PSL & PHL
Prerequisite	None
Psychology PSL is year 1 of a two year course. See the course description below in Psychology SL.	

Psychology SL (IB Standard Level)

Grade level	12
Length of course	1 semester
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	Psychology PSL
Psychology is a two year integrated course that follows the IB syllabus for both the IB and non IB students. For the IB Diploma this course can be taken at SL or HL for which the scope of the content in the psychology syllabus has been deliberately limited to reflect the introductory nature of the courses.	
SL course includes:	
<ul style="list-style-type: none"> • All three compulsory perspectives • One option from a choice of seven • Quantitative research methods and ethics • One simple experimental study 	

Psychology PHL (IB Pre Higher Level)

Grade Level	11, 12
Length of Course	1 semester
Credits	10 in Social Studies
IB Level	PSL & PHL
Prerequisite	None

Psychology PHL is year 1 of a two year course. See the course description below in Psychology HL.

Psychology HL (IB Higher Level)

Grade level	12
Length of course	1 semester
Credits	10 in Social Studies
IB Level	Standard and Higher
Prerequisite	Psychology PHL

Psychology is a two year integrated course that follows the IB syllabus for both the IB and non IB students. For the IB Diploma, this course can be taken at SL or HL for which the scope of the content in the psychology syllabus has been deliberately limited to reflect the introductory nature of the courses.

HL course of study includes:

- All four compulsory perspectives
- Two options from a choice of seven
- Quantitative research methods, qualitative research methods and ethics
- One experimental study

Group 4 Science

KIS Diploma courses:

Biotechnology	
Grade level	12
Length of course	1 semester
Credits	3 in Science
Prerequisite	Students with previous biology and chemistry knowledge
<p>Designed as a completely hands on approach to learning science, students conduct several experiments including the growth and maintenance of bacterial strains (E coli), extraction of plasmid DNA from E coli, DNA restriction analysis, genetic engineering and transformation of E coli, all within a modern biotechnology laboratory. In doing so, students become familiar with several techniques and a wide range of instruments used in this field. Students also discuss the ethical issues surrounding biotechnology, including the scientific and social aspects of human cloning and gene therapy. Being one of the only High School programs of its kind in the world, students taking this course will enjoy a great advantage if pursuing a university degree in this rapidly growing field.</p>	

IB Diploma courses:

Biology PSL / PHL (IB Pre Standard / Higher Level)/	
Grade level	11
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite	Biology 1 with a grade of "C" or above
<p>Biology PSL and PHL are year 1 of a two year course. See the course description below in Biology SL / HL.</p>	

Biology SL / HL (IB Standard / Higher Level)	
Grade level	12
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite	Biology SL Biology HL
	Biology PSL (IB Pre Standard Level) with a grade of "C" or above Biology PHL (IB Pre Higher Level) with a grade of "C" or above
<p>Biology is studied around four basic biological concepts that run throughout the course. These concepts serve as themes that unify the various topics of the course. The concepts are:</p> <ul style="list-style-type: none"> • Structure and function • Universality versus diversity • Equilibrium within systems • Evolution <p>Core: includes six topics: statistical analysis, cells, the chemistry of life, genetics, ecology and evolution and human health and physiology.</p> <p>AHL: includes five topics: nucleic acids and proteins, cell respiration and photosynthesis, plant science, genetics, human health and physiology.</p> <p>Options: HL students study two options chosen from the following: evolution, neurobiology and behavior,</p>	

microbes and biotechnology, ecology and conservation and further human physiology.

SL students study two options chosen from the following: human nutrition and health, physiology of exercise, cells and energy, evolution, neurobiology and behavior, ecology and conservation.

Chemistry PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite	Chemistry 1 with a grade of "C" or above
Chemistry PSL and PHL are year 1 of a two year course. See the course description below Chemistry SL / HL.	

Chemistry SL / HL (IB Standard / Higher Level)

Grade level	12
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite	Chemistry PSL (IB Pre Standard Level) with a grade of "C" or above Chemistry PSL Chemistry PHL (IB Pre Higher Level) with a grade of "C" or above

The chemistry course permits a balance between academic study and practical and investigation skills. An overview of the IB chemistry course is presented below:

Core: includes eleven topics in the following subject areas: quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids and bases, oxidation and reduction, organic chemistry and measurement and data processing.

AHL: includes nine topics on the following subject areas: atomic structure, periodicity, bonding, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction and organic chemistry.

Options: HL and SL students will study two options chosen from the following:
Modern analytical chemistry, human biochemistry, chemistry in industry and technology, medicines and drugs, environmental chemistry, food chemistry and further organic chemistry.

Physics PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite	Physics 1 with a grade of "C" or above
Physics PSL and PHL are year 1 of a two year course. See the course description below Physics SL / HL.	

Physics SL / HL (IB Standard / Higher Level)	
Grade level	12
Length of course	1 year each
Credits	10 in Science (per year)
IB Level	Standard and Higher
Prerequisite Physics SL Physics HL	Physics PSL (IB Pre Standard Level) with a grade of "C" or above Physics PHL (IB Pre Higher Level) with a grade of "C" or above
<p>An overview of the Physics course is represented below:</p> <p>Core: includes eight topics in the following subject areas: physics and physical measurement, mechanics, thermal physics, oscillations and waves, electric currents, fields and forces, atomic and nuclear physics and energy, power and climate change.</p> <p>AHL: includes six topics in the following subject areas: motion in fields, thermal physics, wave phenomena, electromagnetic induction, quantum physics and nuclear physics and digital technology.</p> <p>Options: HL students will study two options from the following five options: astrophysics, communication, electromagnetic waves, relativity, medical physics and particle physics. SL students will study two options from the following eight options: sight and wave phenomena, quantum physics and nuclear physics, digital technology, relativity and particle physics, astrophysics, communications and electromagnetic waves.</p>	

Environmental Systems and Societies PSL (IB Pre Standard Level)	
Grade level	11
Length of course	1 year
Credits	10 in Science
IB Level	Standard
Prerequisite	None
<p>Environmental Systems and Societies PSL is year 1 of a two year course. See the course description below Environmental Systems and Societies SL.</p>	

Environmental Systems and Societies SL (IB Standard Level)	
Grade level	12
Length of course	1 year
Credits	10 in Science
IB Level	Standard
Prerequisite	Environmental Systems and Societies 1
<p>As a trans disciplinary subject, environmental systems and societies is designed to combine the techniques and knowledge associated with group 4 (the experimental sciences) with those associated with group 3 (individuals and societies). By choosing to study a trans disciplinary course such as this as part of their diploma, students are able to satisfy the requirements for both groups 3 and 4 of the hexagon, thus allowing them to choose another subject from any hexagon group (including another group 3 or 4 subject). This trans disciplinary subject therefore introduces more flexibility into the IB Diploma Program. At KIS, environmental systems and societies is being run by the Science department and is offered at SL only.</p> <p>Curriculum topics: Topic 1: Systems and models Topic 2: The ecosystem Topic 4: Conservation and biodiversity Topic 5: Pollution management Topic 6: The issue of global warming Topic 7: Environmental value systems</p>	

Group 5 Mathematics

KIS Mathematics department operates on the basis of mathematics being an integral and essential part of life. Learning mathematics is an activity and a process, involving both problem posing and problem solving. KIS mathematics curriculum focuses on experiential learning, recognizing connections and valuing discipline.

Student goals:

- Learning to value mathematics for its application to daily life
- Learning to reason and to communicate mathematically
- Developing confidence in their own abilities to solve problems
- Realizing the interdisciplinary connectivity of mathematics and its importance
- Developing mathematical skills and utilizing technology effectively in research and explorations

Class objectives:

- Actively involve students in constructing and applying mathematical ideas
- Encourage student interaction, group work and exploration
- Enable students to develop their mechanical skills through practice
- Make effective use of calculators in classroom work
- Include alternative and experiential teaching methods

KIS High School mathematics program:

Grade	Course	Level	Length of course	Credits
		1 st year		
11	Math Studies PSL (Pre Standard Level)	IB Math Studies SL (Standard Level)	1 year	10
	Math PSL (Pre Standard Level)	IB Math SL (Standard Level)	1 year	10
	Math PHL (Pre Higher Level)	IB Math HL (Higher Level)	1 year	10
		2 nd Year		
12	Math Studies SL (Standard Level)	IB Math Studies SL (Standard Level)	1 year	10
	Math SL (Standard Level)	IB Math SL (Standard Level)	1 year	10
	Math HL (Higher Level)	IB Math HL (Higher Level)	1 year	10

Grade 11 and 12 Mathematics students must own a graphic calculator (preferably a model TI-83 Plus). Students are advised to refer to the IB guidelines regarding calculators to avoid buying calculators which are not permitted. Recommended IBO Graphic Display Calculators:

Texas Instruments 82, 85, 86.

Casio 9700 and 9750 series (plus), 9800 and 9850 series (plus), 9950 series (plus)

IB Diploma courses:

Mathematics Studies SL (IB Standard Level)	
Grade level	11, 12
Length of course	1 year
Credits	10 in Mathematics
IB Level	Standard
Prerequisite	None

This course is designed to build confidence and encourage students who do not wish to pursue mathematics further. Students are expected to have access to a graphic display calculator (GDC) during this course. The program consists of eight topics:

- Introduction to the GDC
- Number and algebra
- Sets, logic and probability
- Functions
- Geometry and trigonometry
- Statistics
- Introductory differential calculus
- Financial mathematics

Mathematics SL (IB Standard Level)

Grade level	11, 12
Length of course	1 year
Credits	10 in Mathematics
IB Level	Standard
Prerequisite	
Math SL 1 st year	“C+” or above in Mathematics 9
Math SL final year	Mathematics IB Standard Level 1 st year

This program is for students who have a sound knowledge and ability in mathematics. It is suited to students who need mathematics to pursue further university studies.

The program consists of seven topics:

- Algebra
- Functions and equations
- Circular functions and trigonometry
- Matrices
- Vectors
- Statistics and probability
- Calculus

Mathematics HL (IB Higher Level)

Grade level	11, 12
Length of course	1 year
Credits	10 in Mathematics
IB Level	Higher
Prerequisite	
Math PHL	“B” or above in Mathematics 10
Math HL	Mathematics PHL

HL Mathematics is intended for students with very good background in the subject and who wish to include mathematics as a major component of their future studies. The program consists of seven core topics and one option selected from four prescribed topics. The core topics are:

- Algebra
- Functions and equations
- Circular functions and trigonometry
- Matrices
- Vectors
- Statistics and probability
- Calculus

The optional topic is chosen from:

- Statistics and probability
- Sets, relations and groups
- Series and differential equations
- Discrete mathematics

Group 5 Computer Education

KIS requires 2.5 computer education credits for graduation. These credits represent computer literacy skills taught in the PC Applications course. The technology department recognizes that new students transferring to KIS may already have a good foundation in computer skills either from their previous schooling or through computer courses offered by private institutions.

To graduate, students must demonstrate that they have learned the necessary computer skills (see below)

New students entering KIS in grade 9 and above

New students may show proficiency in two ways: enroll in and pass the PC applications course, or pass the Computer Competency Test (CCT). Students who enroll in computer technology 9 or 10 are exempted from these requirements.

- The CCT will be available to students who have previously taken a computer course in school or from a private institution
- The CCT will be offered in the second week of each semester. Students must pass the test within their first year at KIS. Failing to do this, they must enroll in the PC Applications course
- Students must pass the CCT with a minimum of 80% accuracy to be awarded the 2.5 computer credits
- Web based self paced tutorial material will be available on KISNet to help students learn the software at KIS

KIS Diploma courses:

Computer applications	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Computer Education
Prerequisite	None
This course is designed to focus on advanced word processing skills, spreadsheet design, presentation quality, charting, database design, self learning and internet training.	

Web designing	
Grade level	11, 12
Length of course	1 semester
Credits	5 in Computer Education
Prerequisite	High School computer literacy
In this course students acquire skills in HTML language and FrontPage, Flash, PhotoShop and Dream Weaver software. Students work on various interdisciplinary units and develop individual / group projects using design cycle which includes identifying the problem, designing a product or solution, creating the product / solution by using appropriate techniques and equipment and evaluating the product / solution. This course encourages creativity.	

Programming in Java	
Grade level	11, 12
Length of course	1 semester
Credits	5 in Computer Education
Prerequisite	High School computer literacy
In this course, students are introduced to basic programming concepts and the syntax of a high level programming language (Java). They are trained to develop logical and programming skills and write simple programs with applications in business, mathematics and education. This course promotes high level thinking and problem solving skills and encourages creativity.	

IB Diploma courses:

Computer Science PSL / PHL (IB Pre Standard / Higher Level)	
Grade level	11
Length of course	1 year
Credits	10 in Computer Education
IB Level	Standard and Higher
Prerequisite	Computer literacy
Computer Science PSL and PHL are year 1 of a two year course. See the course description below in Computer Science SL / HL.	

Computer Science SL / HL (IB Standard / Higher Level)	
Grade level	12
Length of course	1 year
Credits	10 in Computer Education
IB Level	Higher
Prerequisite	Computer Science PSL / PHL
<p>Computer Science involves solving problems using computers. Therefore a full understanding of logical problem solving is required as well as a detailed knowledge of how computers operate.</p> <p>The computer science SL course focuses on software development, fundamentals of computer systems and the relationship between computing systems and society.</p> <p>The HL course encompasses all these elements but is extended to include: computer mathematics and logic, advanced data structures and algorithms, further system fundamentals and file organization.</p> <p>Both SL and HL students must study a common core (CC) of material and must demonstrate problem solving skills and mastery of various aspects of computer science by completing a program dossier (PD).</p> <p>In addition, HL students must study additional higher level material (AHL) that fulfills two functions: it extends some topics in the CC to give greater depth and, at the same time, introduces new topics to provide greater breadth. The existence of a common core will allow teachers to teach SL and HL students together (where necessary), for at least part of the time. The course description is given below:</p> <p>Common core (SL / HL) 125 hrs Topic 1 - Systems life cycle and software development 35 hrs Topic 2 - Program construction in Java 50 hrs Topic 3 - Computing system fundamentals 37 hrs Case study</p> <p>Program Dossier Standard level (SL) 25 hrs Higher level (HL) 35 hrs</p> <p>Additional HL material (HL students only) 80 hrs Topic 4 - Computer mathematics and logic 11 hrs Topic 5 - Abstract data structures and algorithms 41 hrs Topic 6 - Further system fundamentals 15 hrs Topic 7 - File organization 10 hrs Case study (extended study) 3 hrs</p>	

Group 6 Fine & Practical Arts (FAPA)

KIS Diploma courses: Fine Art

Advanced Art course	
Grade level	11, 12
Length of course	1 semester for students taking it as an interest course 1 year for Pre IB Art
Credits	For 1 semester: 2.5 in Fine & Practical Arts For 1 year: 5 in Fine & Practical Arts
Prerequisite	General art (minimum level 1a or 1b) or Two general art courses preferred where possible
<p>Some projects / units will be more teacher directed. Students will be expected to plan as well as organize their own projects and time to achieve course goals set in consultation with the teacher. Non IB art students in grades 11 and 12, who have taken general art twice, should consider taking intermediate art as a more challenging course option. Students in intermediate art will be expected to keep a plan and sketch book and to do several research projects on artists or art styles relevant to their own artistic development. This book is expected to be visually attractive and is expected to meet the IB Diploma book requirement.</p>	

Art Applications – Architecture and Design	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None
<p>This course is an introductory art application course in the area of Architecture and Design. Apart from theory it encompasses project / research work. The students are required to keep an investigation book.</p>	

IB Diploma courses: Fine Arts

Visual Arts – PSL / PHL (IB Pre Standard / Higher Level)	
Grade level	11, 12
Length of course	1 year each
Credits	10 in Fine & Practical Arts
IB Level	Standard or Higher
Prerequisite	One or more of level 1 (general art) and level II (intermediate art) and art history (to be taken simultaneously with IB art)
<p>Visual Arts PSL and PHL are year 1 of a two year course. See the course description below in Visual Arts SL / HL.</p>	

Visual Arts – SL / HL (IB Standard / Higher Level)	
Grade level	11, 12
Length of course	1 year each
Credits	10 in Fine & Practical Arts
IB Level	Standard or Higher
Prerequisite	PSL / PHL
<p>Students may undertake a two year course leading to either IB Art SL / HL under the direction of the teacher.</p> <ul style="list-style-type: none"> IB SL A, the emphasis is on the studio component (70%) with research as secondary (30%) 	

- IB SL B reverses this, with a focus on research (70%) and some practical work in the studio (30%)
- IB HL students are expected to produce 12 major works during a two year period. Students should be willing to work outside of scheduled studio hours to achieve this

KIS Diploma courses: Performing Arts

Drama	
Grade level	11, 12
Length of course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	None
<p>Drama is a course for credits which teaches acting techniques including: improvisation, mime and voice work, play production techniques, script interpretation and play direction. All this is taught in a framework of research into the history of western and non western drama.</p>	

Music individual lessons	
Grade level	9 – 12
Length of course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	None New students into grades 11 or 12 will only be accepted with department approval
<p>Private lessons are offered in western music (piano, violin, cello, viola, string bass, woodwinds, brass, percussion and voice) and Indian music (veena, tabla, carnatic vocals and Indian dance). Practice times and lessons are scheduled into the school day. KIS is an examinations center for the Royal Schools of Music (RSM London) in both theory and practical. These are held at the school once a year for participating students.</p>	

Band – Intermediate	
Grade Level	10 – 12
Length of Course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	Appropriate skill
<p>Intermediate band provides students with an opportunity to supplement their individual instrument lessons and enhance their ability to coordinate and become familiar with other instruments, as well as to experience a variety of music forms.</p>	

Band – Advanced	
Grade level	10 – 12
Length of course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	Appropriate skill with auditions
<p>Advanced band provides a more challenging opportunity for students to supplement their individual lessons and enhance their ability to coordinate and become familiar with other instruments, as well as to experience a variety of music forms.</p>	

Advanced choir	
Grade Level	10 – 12
Length of course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Number of students	12 – 18 singers

Prerequisite	1 year experience in SATB choir and by audition
A small ensemble focus on developing skills required for singing jazz and classical repertoire for a chamber group of advanced singers.	

Honors choir

Grade level	11, 12
Length of course	1 year??
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	Must be a music student
This ensemble will focus on developing skills needed for singing Classical, Jazz and other contemporary repertoire for a chamber group of advanced singers. It also improves music reading skills, singing and reading simple and complex rhythm patterns, singing technique and listening skills. This course teaches students to work together to create a good ensemble sound and finally to prepare for performances in school concerts and concerts outside KIS.	

Strings chamber orchestra

Grade level	10 – 12
Length of course	1 year
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	Appropriate skill
Strings chamber orchestra provides opportunities for students to supplement their lessons and enhance their ability to coordinate and become familiar with other string instruments, as well as experience with various music forms and styles.	

Music theory

Grade level	10 – 12
Length of course	1 semester (1 st semester)
Credits	5 in Fine & Practical Arts (2.5 per semester)
Prerequisite	Must be a music student
Music theory covers the basics of music literacy equivalent to grade 5 of the Royal Schools of Music. This course is compulsory for students wishing to pursue music examinations beyond grade 5 level.	

IB Diploma courses: Performing Arts

IB Music PSL / PHL (IB Pre Standard / Higher Level)

Grade level	11, 12
Length of course	1 year
Credits	10 in Fine & Practical Arts
IB Level	Standard
Prerequisite	3 years of solo or group playing / singing with some background in music history and theory
Music PSL and PHL are year 1 of a two year course. See the course description below in Music SL / HL.	

IB Music SL / HL (IB Standard Level / Higher Level)

Grade level	11, 12
Length of course	1 year
Credits	10 in Fine & Practical Arts

IB Level	Standard
Prerequisite	3 years of solo or group playing / singing with some background in music history and theory
Integrates Music History into both SL & HL music courses, encouraging thoughtful performance.	
SL students must choose a stream: either SLS (solo performance) or SLG (group performance) and specify this at the time of registration.	
HL students undertake studies in composition in addition to the performance and historical focus of the SL program.	

KIS Diploma courses: Practical Arts

Cooking – Baking	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None
This course gives students a working knowledge of how to bake a variety of yeast breads, quick breads, cakes, frostings, cookies and pies and the function of ingredients in each. Students may take this course only once.	

Cooking – Indian	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None
“Variety is the spice of life.” The variety of cuisine available in India is addressed by this course. Students will learn how to prepare dishes / meals from different areas of India, vegetarian and non vegetarian and will gain knowledge of the variety of ingredients and how to prepare them according to Indian cooking traditions. This course is useful for those who love Indian food but plan to live outside India in the coming years as both traditional and modern appliances are used in the food preparation. Western substitutes or equivalents in ingredients and appliances will be addressed. Students may take this course only once.	

Cooking – International	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None
Students will prepare dishes / meals from different countries around the world and cultivate knowledge of the variety of ingredients used, their purpose as a part of a dish / meal and the traditional way of preparing them. First semester will include cuisine from: Far East (China and Japan), Middle East and the culinary melting pots of USA and Mexico. Second semester will address European cuisine from: Scandinavia, Italy and Mexico. Students may take this course only once.	

KIS Diploma courses: Media Arts

Photography	
Grade level	11, 12
Length of course	1 semester

Credits	2.5 in Fine & Practical Arts
Prerequisite	None
Students are required to have a digital or a SLR camera for this course. Students will be required to produce a portfolio using digital technology and software as well as learn 35mm darkroom skills. Students will also be required to keep a journal showing a basic understanding of practical camera use.	

Computer graphics 1

Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Fine & Practical Arts or 2.5 in Computers
Prerequisite	None
A computer based course focusing on the principles and elements of effective design and graphic software. Design based projects are created in CorelDraw and PhotoShop ensuring that students have a working experience of graphic software used in the design industry.	

Journalism

Grade level	11, 12
Length of course	1 year
Credits	2.5 in Fine & Practical Arts per semester
Prerequisite	None
Focuses on the development of an appropriate journalistic writing style as well as the practical and ethical concerns of journalism. Students are required to participate in the publication of a school magazine	

Year Book

Grade level	11, 12
Length of course	1 year
Credits	2.5 in Fine & Practical
Prerequisite	None
This course teaches the process of graphic design, copyrighting and publication. It also develops organizational and leadership skills among the student editors. The focus of the course is the production and publication of the KIS year book the "EUCY".	

Creative Writing Standard

Grade Level	11, 12
Length of Course	1 semester
Credits	2.5 in Electives or English
Prerequisite	None
Course aim is to introduce students to a variety of techniques designed to stimulate inherent creative flow in young people. Students will be encouraged to tap into their own expressive capacity via the prose/poetry medium with the potential of internally published works and public performance.	

Creative Writing Advanced

Grade Level	11, 12
Length of Course	1 semester
Credits	2.5 in Electives or English
Prerequisite	Creative Writing Recommendation from the teacher
Specifically designed to focus individual student creative writing potential towards a completed piece of work such as a personal anthology, a play, or a novelette. Students will be guided throughout via a series of workshops, team-work	

Creative Writing Advanced

and personal direction.

Auto Mechanics

Grade Level	9-12
Length of Course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None

Course aim is to introduce students to a variety of techniques designed to stimulate inherent creative flow in young people. Students will be encouraged to tap into their own expressive capacity via the prose/poetry medium with the potential of internally published works and public performance.

Robotics

Grade Level	11, 12
Length of Course	1 semester
Credits	2.5 in Fine & Practical Arts
Prerequisite	None

This is an introductory robotic course leading to preparing students for the inter school competition in robotics. The students would need to do hands on work in the making of robotics apart from the theory . .

Additional courses required for KIS Diploma

Health

KIS health curriculum aims to:

- Enable students to make informed choices about personal health issues
- Develop an understanding of the implications of bad diet and unhealthy lifestyles in all its forms
- Develop a sense of responsibility and motivation for personal well being including the well being of their family, community and physical environment

Health 11 / 12 – skills for living	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Health
Prerequisite	None
<p>KIS health curriculum is organized around ten closely linked themes which support the major tenets of healthy living: understanding self, nutrition, caring for the body, substance use and abuse, safety and first aid, family and social health, community and environmental health, human growth and development, disease prevention (with special emphasis on the prevention of STDs, particularly HIV and AIDS), consumerism and careers. In addition to acquiring knowledge, KIS health courses attempt to integrate life skills and competencies necessary for sound decision making</p>	

Religious Education

Courses offered by the Religious Education department vary from semester to semester. All listed courses may not be offered in the same semester.

Students are required to take at least five credits in grades 11 and 12 unless they are IB Diploma students. IB Diploma students only require 2.5 RE credits for grades 11 and 12. Grade 11 and 12 courses can be chosen from the following:

Ethics	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	None
Designed to help students understand how ethical reasoning is a part of their daily lives and how analysis of moral ideals applies to real world situations. Major topics such as public versus private morality, ethical relativism and ethical egoism will be covered.	

Modern religious thought	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	None
Students have a choice of various topics which relate to religion in the modern world. The course provides students with the skills to critically examine various modern religious movements and ideas expressed in both books and films. Students will be encouraged to understand and develop their own religious ideas and concepts.	

Christianity: Basic	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	None
This course is required for all students entering KIS from grade 10 and who have not previously taken "Life & teachings of Jesus Christ." Students of other faiths are required to take this course either in grade 11 or grade 12.	

Christianity: Advanced	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	Life & teachings of Jesus Christ Basic Christianity or Confirmation / 'Believer Baptism' with the approval of the HOD
Designed for students with an existing knowledge of Christianity, this course provides an in depth study of the historical development of the Christian church, its doctrines and how they apply today.	

Hinduism & Buddhism	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	
<p>This course will help students to gain a basic understanding of Hinduism and Buddhism and how the two religions relate to each other. The philosophical base, basic tenets, historical development, sacred scriptures, deities, social systems and their effect on these religions, different schools of thought, their impact on literature and the comparison of the two are explored.</p>	

Judaism & Islam	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	
<p>The course content covers the Tenach and the lives of the important biblical persons described in these books, the life of Mohammed, basic tenets of Koran, the different schools and movements within both religions and their origins, different Muslim / Jewish festivals and their meaning, an overview of the histories of both religions and how they impacted on each other.</p>	

Independent study in religion	
Grade level	11, 12
Length of course	1 semester
Credits	2.5 in Religious Education
Prerequisite	HOD and coordinators approval
<p>Offered when an RE teacher and student agree on a course proposal, which has also been approved by the RE department and HS Coordinator. The proposal should focus on the study of a living or historical religious tradition. Also offered when scheduling conflicts prevent a student from joining the regular class, usually in the second semester of grade 12.</p>	

Physical Education

Physical Education	
Grade level	11, 12
Length of course	1 year
Credits	6 in Physical Education
Prerequisite	None
<p>Physical Education is an integral part of KIS all round curriculum. Full participation in the PE program is important for several reasons. PE develops cardiovascular fitness, muscular strength, endurance and flexibility as well as social and cooperative team skills. Physical Education (PE) must be taken during all four years of KIS Diploma program. Students are taught rules, game strategy and the necessary skills for participating in a variety of sports and games chosen for their program value. Students will:</p> <ul style="list-style-type: none"> • Learn teamwork and sportsmanship • Develop physical fitness <p>Games and sports include:</p> <ul style="list-style-type: none"> • Badminton • Basketball • Dance • Table tennis • Field hockey • Cricket • Gymnastics • Racquetball • Soccer • Squash • Softball • Tennis • Track & field • Volleyball <p>Each class moves through various sports units during the academic year, rather than specializing in a single sport, giving students the opportunity to broaden their interests and skills. In grades 11 and 12 additional options are offered to allow for specialization.</p>	

PE department objectives:

Students should:

- Exhibit a positive attitude toward physical activity, exertion and playing
- Understand how their bodies work and react to exercise
- Understand fitness as being an integral part of ones overall mental, social, spiritual and physical well being
- Develop a satisfactory level of fitness
- Be exposed to a wide variety of skills, games, life time activities and problem solving activities
- Be exposed to games and activities of different cultures and subject areas
- Have a knowledge and understanding of the rules and strategies of a variety of games and sports
- Develop critical thinking, creativity and the ability to practice and work independently
- Develop skills of social interaction, teamwork, leadership and sportsmanship
- Develop basic motor skills and neuromuscular coordination
- Develop a sense of responsibility for their actions, goals and learning

Alternative PE policy:

Students with medical problems which prevent full participation in any part of the PE program which would be dangerous to their health must bring a medical certificate from the school doctor stating:

- Diagnosis if appropriate
- Outline of the extent of physical activity allowed
- Estimated duration of PE program restriction

Adjusted PE programs for students with medical problems:

If students are able to remain in the regular PE program with some adjustment, which is the desired solution, they will not be evaluated on that part of the program.

The condition of students at risk will be assessed unit by unit in consultation with the KIS doctor and if a particular unit is too dangerous for the health of the student, an alternate physical activity will be allocated by mutual agreement. Students will then keep a written record of all work and turn it in for credit at the end of each unit.

If the students' condition is such that it excludes any physical activity for a particular length of time, written work related to PE will be assigned. It is the responsibility of the PE teacher to assign appropriate work so a student is not penalized for having medical limitations in PE activities. Specific, clear instructions will be given by the teacher regarding any alternate PE activity and / or written assignments, including expectations and deadlines. Failure to hand in the written assignment or complete the alternate work on time will constitute a failure in that unit.

It is the responsibility of the student to attend all PE classes (whether participating or not) until alternate arrangements are made.

If a student is excused from regular PE classes for medical reasons, that student should not be found participating in other activities which require physical exertion such as hiking, canteen, informal games on the covered courts etc

Social Experience (SoEx)

Social Experience	
Grade level	11, 12
Length of course	1 year (1 seminar class per cycle)
Credits	None
Prerequisite	None
<p><i>Social Experience 11</i> Grade 11 theme: <i>Implementing a service project</i> Students learn how to plan, implement and evaluate service projects. This is a student run program with each student contributing a minimum of 20 social service hours per academic year. Projects enable students to work together and assist local people in improving their quality of life. Currently, students are involved in several community projects: Under Fives Clinic, Shenbaganur Orphanage, Mercy Home for the elderly & destitute, Church of South India (CSI) Rehabilitation Center and the Green Team project cleaning up the Kodaikanal area.</p> <p><i>Social Experience 12</i> Grade 12 theme: <i>Regional & global issues</i> Students explore regional and global issues of equity and social justice and how they can become responsible world citizens. They learn to understand structures that perpetuate injustice, violence and oppression in society, between nations, religions and cultures and perceive their place within these structures. Students also participate in weekend service projects and are required to earn 20 social service hours for the academic year.</p>	

IB Diploma requirement

Theory of Knowledge I and II (TOK)	
Grade level	11, 12
Length of course	3½ semesters
Credits	2.5 per semester in Electives
IB Level	Required for all IB Diploma candidates
Prerequisite	None
<p>Theory of Knowledge (TOK) is a unique specialist course offered as part of the IB Diploma program, aiming to develop concepts and skills and enable students to analyze, evaluate, compare and appreciate the various kinds of knowledge from their academic and personal experiences.</p> <p>It helps to answer questions such as the relative value of ways of knowing, including reason and emotion, the influence of technology on our thought and perception and the function, power and limitations of language. The methods used in different areas of knowledge (natural sciences, social sciences, history and mathematics) and in those approaches involving explicit value judgment (morality, the arts) are analyzed systematically so that students learn to see both the limitations and contributions of different kinds of knowledge. The IB Diploma program also incorporates a cross-cultural perspective on knowledge.</p> <p>Apart from requiring the development of systematic thinking and writing skills, (evaluated externally towards the end of the program) this course also demands student training in applying more abstract theoretical concepts to contemporary political, ecological and ethical issues in imaginative and engaging ways through oral presentations (assigned 40% of the total IB Diploma marks).</p>	

Learning Resources

KIS Learning Resources department (LRD) is committed to enhancing the quality of education for individuals with learning difficulties by providing appropriate and beneficial services to students. KIS seeks to ensure quality education for these students through assisting students, training teachers, advocating the LR program within the school, research and collaborative work with other professionals in the area of learning support.

KIS Learning Resources department will:

- Help individuals with learning challenges to attain their fullest educational and personal potential
- Help students adjust and become integrated into their environment
- Help students develop positive and realistic self concepts
- Encourage students to develop independent skills that will enable them to function normally in their everyday context
- Teach students strategies to cope with their academic and social challenges (organizational, error analysis, memory strategies, social skills training)
- Help students develop basic skills in the areas of reading, writing and mathematics
- Provide individualized instruction through modification of programs and environments, working collaboratively with teachers, providing structured environments with technology use and counseling support to cope with learning challenges
- Select content and design curricula to meet the interests, knowledge, understanding, abilities and experiences of the students
- Use a constructivist approach of teaching along with direct instruction to develop higher order thinking skills
- Work together with colleagues within and across disciplines and grade levels

Learning challenges affect individual learning. These students usually possess an average or above average intelligence and experience difficulty in processing information (collecting, sorting and expressing information). Reading, writing, spelling, mathematics, memory, study skills, speaking and listening may be affected. KIS can provide support for students with mild to moderate learning difficulties.

Mild disabilities are expressed as learning difficulties in one area of academics, either language or mathematics. These are exhibited as mild differences in comprehension, sequencing, auditory and visual processing. Services offered to students with mild learning difficulties include:

- Educational assessments
- Educational reports
- Remediation in the required skill
- Test accommodations
- Exam accommodations
- Class accommodations
- Exemption from second language requirements supported by documentation

Moderate disabilities are expressed as learning difficulties in both language and mathematics. Students fall within a standard score range which is lower than average in comparison with their peers. Services offered to

- Educational assessments
- Educational reports
- Remediation in the required skills
- Para educator in the classroom(s)
- Curriculum modification

Students will be identified through referrals by class teachers, parents, previous documented history and other reliable sources. Outside evaluations are not necessary for students to qualify for LRD support. The purpose of assessment in special education is for screening, placement, program evaluation and evaluation of student progress. Assessments used for evaluation purpose are:

- Classroom ecological inventory
- Standardized tests
- Social skills screening test
- Portfolio assessment
- Curriculum based measurement

Learning Resources department staff work with enthusiasm and commitment and in collaboration with classroom teachers to generate creative and diverse solutions tailored to individual student needs.

Library

KIS library program aims:

- To encourage and develop recreational reading
- To ensure that students and staff are effective users of ideas and information ie they are information literate
- Information literacy is the ability to access, evaluate and use information from a variety of sources.

KIS library curriculum strands include:

- Enjoyment and appreciation of reading and / or literature
- Information handling skills

KIS library curriculum is based on the following rationale:

Recreational reading:

Students who read widely for pleasure benefit academically and developmentally. Direct benefits of developing reading habits are:

- Improved reading comprehension
- Improved use of written and spoken English and other languages
- Growth in maturity of outlook through access to experiences beyond students' immediate world

Information society:

- We live in an information society
- Information is an infinite commodity with pervasive and essential needs
- As technology changes the modes and pace for creating and storing information, it also demands changes in information accessing strategies

Access:

- The need for information, decision making and problem solving based on critical thinking are inherent in all areas of the curriculum
- Information literacy is essential to the functioning of a democracy.

Research:

- The need to enquire is the most significant motivation for research
- Research is a process that results in a product
- Information literacy instruction should be integral to the educational process and the student's need to enquire.

Instructional partnerships:

- Students learn the information retrieval and handling skills best in a curriculum context:
 - Ideally teachers plan units in consultation with librarians, so that students learn to access and use information in learning situations where they have the guidance of subject teachers and librarians
 - Effective information handling skills require regular reinforcement and development, so students at all grade levels are encouraged to come to the library throughout the day
- An effective library program requires librarians to work closely with teachers to:
 - Coordinate reading development activities with classroom learning
 - Develop a balanced book stock that includes the best of children's literature and materials supporting the curriculum, as well as allowing for research and information gathering beyond the curriculum topics
 - Ensure that information handling skills are taught in a curriculum context and reinforced as necessary

Program objectives:

- Students will be encouraged to enjoy and appreciate recreational reading of a variety of written materials and be able to:
 - Access the library regularly
 - Locate and select reading material
 - Be aware of new acquisitions in the library

- Students will be able to access information by:
 - Recognizing the need for information
 - Recognizing that accurate and complete information is the basis for intelligent decision making
 - Formulating questions based on information needs
 - Identifying potential sources of information
 - Developing successful search strategies
 - Accessing print and technology based sources of information
 - Becoming a competent reader

- Students will be able to evaluate information by:
 - Determining accuracy and relevance
 - Recognizing point of view and opinion versus factual knowledge
 - Rejecting inaccurate and misleading information
 - Creating new information to replace inaccurate or missing information as needed

- Students will be able to use information by:
 - Organizing information for practical application
 - Integrating new information into an existing body of knowledge
 - Applying information in critical thinking and problem solving

- Students will understand and be able to follow prescribed literacy rules and procedures.

KIS High School library objectives:

Students will develop the habit of reading widely for pleasure and demonstrate the following information literacy skills within the context of subject assignments:

- *Defining the task:*
 - Explore and identify the need for information
 - Formulate the central search question
 - Relate question to previous knowledge
 - Identify key words, concepts and names

- *Seeking and locating information:*
 - Identify potential resources
 - Develop general search strategies to organize the search
 - Locate and explore previously identified resources

- *Selecting relevant information:*
 - Selecting the most useful resources for further exploration and formulate specific strategies for using them
 - Searching for relevant information
 - Analysis of retrieved information: interpretation, inference and integration

- *Presenting information:*
 - Determining how to use / present / communicate and organize information for intended use

- *Evaluating the process and its results*

Appendix 1 - Policy on academic honesty

The main objective of the policy on academic honesty at KIS is to create an intellectual climate in which sanctions and procedures which accompany academic dishonesty become superfluous.

Instances of academic dishonesty

Academic dishonesty constitutes acts which result or may result in an individual gaining unfair advantage. The following is a list of such behavior, but is by no means exhaustive:

- Plagiarism: offering the words, ideas, works or arguments of another person (in whole or part) as one's own. This includes works of art whether music, film, dance, theatre arts or visual arts.
- Copying from another student or making information available to another student during a test or examination
- Fabricating or falsifying research data
- Submitting the same piece of work for more than one course (this is strictly forbidden by the IBO)
- Communicating with another student during examinations
- Bringing into the examination room materials which are not permitted
- Interfering in the scholastic work of another student, for example by stealing laboratory reports, computer files and library materials
- Altering grades awarded by a teacher
- Stealing examination papers
- Using an unauthorized calculator during a test or an examination
- Impersonating another student

Teacher responsibility

Teachers at KIS are expected to encourage good practice among students. The following are some of the measures that should be adopted to avoid malpractice.

- Provide advice to students when necessary so that students have a clear idea of what constitutes plagiarism in the various subjects
- Ensure that the words, ideas, works from sources are acknowledged appropriately
- Be vigilant enough to spot inexplicable changes in the style and quality of student work
- Question students on written work, especially the extended essay, in order to determine whether the work is really that of the student
- Use a search engine / turnitin.com whenever possible to detect plagiarized work
- Authenticate student work whenever required. The IBO expects "each teacher to confirm that, to the best of his or her knowledge, all candidates' work accepted or submitted for assessment is the authentic work of each candidate"
- Distinguish between collaboration and collusion to prevent allegations of collusion against students
- Be familiar with the IBO publication "Academic honesty: guidance for schools"
- Cooperate in the investigation of suspected cases of malpractice
- Write a statement for any report on malpractice to be submitted to the IBO. The IBO provides guidelines on what should be included in this statement.
- Not leave candidates unsupervised during examinations
- Not disclose the contents of an examination paper within 24 hours after the examination has been conducted
- Not permit a candidate additional time in an examination unless formal authorization has been granted
- Not start an examination before the scheduled time
- Not provide undue assistance to a candidate in components that contribute to the assessment requirements of the IB program. Guidelines on this are often provided in the various subject guides and teacher support material published by the IBO.

Student responsibility

Ultimately it is the student's responsibility to ensure the integrity of all work and to understand what constitutes an offence against academic honesty. Students are strongly advised to abide by the following guidelines:

- Acknowledge all sources (eg books, journals, internet sites, CD-Rom, magazines, photographs etc) using any standard citation style when writing assignments
- Use footnotes and endnotes to acknowledge the source of an idea that emerged from a discussion with another person.
- Paraphrased ideas of another person should also be acknowledged
- Review all work before submission to check that all sources have been acknowledged
- As far as possible work independently with the support of the subject teacher
- When collaboration with other students is required or encouraged by teachers ensure that the final work is produced independently
- Do not attempt to submit a similar piece of work for different assessment components of your IB program (eg your internal assessment and the extended essay)
- Listen to and follow all instructions given before an examination

Sanctions for academic dishonesty

Sanctions against academic dishonesty may range from warning to dismissal depending on the seriousness of the offence. Turnitin.com is being used to detect cases of plagiarism.

The consequences are (but not limited by):

- 1st offence: A grade of F or a 0 will be given for the assignment or test and a warning letter will be sent to the parents
- 2nd offence: A grade of F or 0 will be given for the assignment or test and referral to the Academic Vice principal. Suspension is considered.
- 3rd offence: A grade of F or 0 and suspension or expulsion from school
- If a teacher or the IB Coordinator has reason to believe that a piece of work to be submitted to the IBO is not authentic, that work will not be accepted. This will result in no grade being awarded for the subject.
- Proven cases of theft of examination / test materials will result in expulsion from school
- The set IB procedure will be followed in cases of any malpractices during IB examinations

Appendix 2 - KIS teacher resources, tips and general expectations

1. **Checklist of materials for teaching the KIS Diploma subjects**
 - KIS Diploma Handbook
 - School policy on academic honesty
 - Textbooks used in the school found in the Library
 - Turnitin password
 - Get the official course description from the HOD. It is also available in the VP's / IB Coordinator's office

2. **Where to get the materials:**
 - KISNet – department web page / KIS Diploma web page – general guidance
 - IB / HS Curriculum Coordinator's office
 - The resources on KISNet, KIS Library, textbook room and department Library and former teachers resources in the department
 - Soft copies of departmental resources in the department computers

3. **Some tips:**
 - Explain the KIS subject curriculum to the students and the way you intend to approach it
 - Please remember that the course curriculum cannot be changed or modified. All curriculum changes and modifications must be discussed and ratified by the department and then passed on to the Academic Affairs committee for its approval
 - Give your semester plan to the students; upload it onto the subject web pages
 - The semester plans need to be put on Atlas Rubicon which provides for horizontal and vertical articulation, learning outcomes and aims and objectives of the curriculum
 - Criterion referenced assessments need to be conducted and that needs to be clearly explained to the students.
 - Provide prompt feedback to students on assessments
 - On "My Classes" on KISNet the grades need to be put immediately after the assignment has been done so as to provide for better tracking of the students' academic progress
 - Within a few weeks of your arrival at KIS you are required to give an interim report on new students which is posted on My Classes. Please ensure that you have completed sufficient assessments to do this
 - The thumb rule is there should be at least four different types of assessments
 - The class median should generally be at least B- which reflects the mid way point of the 12 point grading system
 - Closely monitor research papers / assignments so as to detect copying and plagiarism
 - Check the documents in the department with reference to past assignments and examination papers
 - Retain copies of the drafts of major pieces of research work
 - Go through your HOD if you wish to purchase any teacher resources and specify whether the department or Library budget is to be debited
 - New computer software needs to be approved by the HOD and VP and ordered through the ISM
 - Check the seven year curriculum review cycle in your department. Please remember that major changes in curriculum and provision of additional or replacement text books can only take place during the review cycle. In other words text books would generally change after seven years
 - To get a clearer overall picture please read the MSA self study questionnaire pertaining to your department
 - All classroom discipline issues should be referred to the HS Coordinator. [Click here](#) to read the absence policy and other important documents on the HS webpage on KISNet

Appendix 3 - IB / KIS Diploma student resources and assistance

Student resources and assistance

- Textbooks can be secured from the text book store attached to the school library
- The main school library has reference books in all subject areas, exemplary extended essays, past IB papers, IB World magazine, IB revision notes and subject specific CD Roms and audio visuals
- Sample as can be secured from the subject teachers
- Department pages on KISNet have IB subject specific documents, semester plans, resources, learning activities and guidance
- The IB page on KISNet has centralized all IB information which is general and subject specific
- KISNET also has book marks of the IB and general resources on the net
- Check KISNet for all the announcements related to IB / KIS Diploma program
- The scheduling issues are handled by the High School Coordinator's office
- The mock examinations are held in the year 2 of IB program in the month of April
- You will receive a turnitin ID and secured password
- Familiarize yourself with the IB learner profile, IB academic honesty policy and the DP general rules and regulations related to students and parents, all of which are on the IB webpage on KISNet.
- Read the school diary for the academic policy, discipline policy and the student handbook
- The IB Diploma registration is done by the IB Coordinator's office in the second year of the Diploma program by the end of quarter one of semester one
- The actual college application process begins in the October of the second year of the Diploma program
- Read Appendix 1 and 3 in the IB Handbook pertaining to deadlines which need to be strictly adhered to
- The IB Coordinator's office can be contacted concerning matters pertaining to the IB and KIS Diploma Program
- Careers and College Advisor can be contacted for career and college related issues
- Scheduling issues and routine class room discipline are dealt through the High School Coordinator's office
- The extended essay process begins at the end of year 1 of the IB Diploma Program
- By the end of year 2 semester 1 (October and November) IB orals are conducted
- During the summer vacation in May in the first year IB students should be doing the ground work for extended essay
- The second year winter vacation in December is spent on general spade work for internal assessments by IB students
- Those who do IB certificates or just the KIS Diploma need to undertake senior thesis portfolio in year 2, semester 2 as per the guidelines given in the KIS Diploma Handbook

Form 1 - KIS Diploma Program (2009-2010)

General regulations

Name of student: _____

Name of Parent / Guardian: _____

This is to acknowledge that we have completed the following:

- Received, read, understood and accepted the KIS Diploma Program general regulations document

Signature of student: _____

Signature of parent / guardian: _____

Date: _____

Date: _____

Form 2 - The online registration procedure (grade 11)

Name of the student: _____ Advisor: _____

Step one : Go to KISNet - My Portal and first fill in your 'Career Plan'

Step two: Go to the 'Academic Planner' and click on grade 11, first semester to make your selection of subjects

Step three: Guidelines for selection (see academic planner)

KIS Diploma related rules for course registration

The KIS Diploma / IB certificate students must select subjects keeping only the KIS credit requirements of the core subjects and the additional requirements of FAPA, RE, PE and Health in mind.

Groups & departments	IB Higher Level	IB Standard Level	KIS Diploma course
Group 1			
English (one only)	English PHL (grade 10 Hon or B- In Advanced English)	English PSL	English 11
Group 2			
Second Language (Language B) (one only) <i>Pre-requisite: should have had 2-5 years previous study of the language for PHL / PSL</i>	Hindi B PHL German B PHL Korean B PHL Tamil B PHL French B PHL	French B PSL Hindi B PSL German PSL Spanish ab initio PSL Spanish PSL Korean B PSL	Dzongkha 11 Hindi (Beginners) Tamil (Beginners / intermediate)
Group 3			
Social Studies (not more than two SS course can be taken)	Economics PHL Business & Management PHL History PHL Geography PHL Psychology PHL (combined class for PSL & PHL)	Economics PSL Business & Management PSL Geography PSL Psychology PSL	*Political Studies *Accountancy *(these semester courses go towards credits for electives)
Group 4			
Science (More than one science course can be taken)	Chemistry PHL Physics PHL Biology PHL	Chemistry PSL Physics PSL Biology PSL E-Systems & Societies PSL	
Group 5			
Math (one only) <i>Pre-requisite</i>	Math PHL (Math Adv or 6 in Math 10)	Math PSL (Math Adv or 5 in Math 10) Math Studies PSL (Math 10)	
IT department <i>*One semester of computer applications is a requirement for graduation</i>	Computer Science PHL	Computer Science PSL	*Computer Applications Robotics
Group 6 - FAPA			
Fine Arts	Visual Arts PHL	Visual Arts PSL	Advanced Art Art Application; Architecture & Design

Groups & departments	IB Higher Level	IB Standard Level	KIS Diploma course
Performing Arts	Music PHL	Music PSL	Drama Individual lessons + practice: Piano, Woodwind, Brass,
			Percussion, Voice, Strings, Classical Guitar, Veena, Carnatic Vocal, Tabla Intermediate Choir Intermediate Band Small Orchestra Advanced Band Advanced Choir Honors Choir Band / Ensembles / Choir are 2 semester courses Indian Dance
Practical Arts			Baking Indian Cooking International Cooking
Media Arts			Journalism Yearbook Photography Creative Writing
Additional subjects required for KIS Diploma	IB Higher Level	IB Standard Level	KIS Diploma course
Health			One semester only grade 11 or grade 12
Religious Education			Modern Religious Thought Basic Christianity Advanced Christianity Ethics Buddhism and Hinduism Judaism and Islam Two courses over 2 years
Industrial Art			Auto Mechanics
PE			Requires registration
Social Experience			Requires registration
Other requirements/options			
SAT prep classes			SAT Math SAT English
TOK	Full IB requirement		

Student: _____

Advisor: _____ Careers & College Advisor: _____

High School Coordinator: _____ IB Coordinator: _____

Form 3 - The online registration procedure (grade 12)

Name of the student: _____ Advisor: _____

Step one: Go to KISNet - My Portal and first fill in your 'Career Plan'

Step two: Go to the 'Academic Planner' and click on grade 12, first semester to make your selection of subjects

Step three: Guidelines for selection (see academic planner)

KIS Diploma related rules for course registration

- KIS Diploma / IB certificate grade 12 students must have at least 5 five credit courses
- RE, FAPA and Health requirements should be met by the end of grade 12
- Those students who drop out of the Diploma program in grade 11 and change to being certificate students only in grade 12 will need to take a RE course in place of TOK

Groups & departments	IB Higher Level	IB Standard Level	KIS Diploma course
Group 1			
English (one only)	English HL	English SL	English 12
Group 2			
Second Language (Language B) (one only) <i>Pre-requisite: should have had 2-5 years previous study of the language for PHL / PSL</i>	Hindi B HL German B HL Korean B HL Tamil B HL French B HL	French B SL Hindi B SL German SL Spanish ab initio SL Spanish SL Korean B SL	Dzongkha 12 Hindi (Beginners) Tamil (Beginners / intermediate)
Group 3			
Social Studies (not more than two SS course can be taken)	Economics HL Business & Management HL History HL Geography HL Psychology HL (combined class for SL & HL)	Economics SL Business & Management SL Geography SL Psychology SL	*Political Studies *Accountancy *(these semester courses go towards credits for electives)
Group 4			
Science (More than one science course can be taken)	Chemistry HL Physics HL Biology HL	Chemistry SL Physics SL Biology S E-Systems & Societies SL	
Group 5			
Math (one only) <i>Pre-requisite</i>	Math HL	Math SL Math Studies SL	
IT department <i>*One semester of computer applications is a requirement for graduation</i>	Computer Science HL	Computer Science SL	*Computer Applications Robotics
Group 6 - FAPA			
Fine Arts	Visual Arts HL	Visual Arts SL	Advanced Art Art Applications; Architecture & Design
Groups & departments			
Performing Arts	Music HL	Music SL	Drama Individual lessons + practice:

			Piano, Woodwind, Brass,
			Percussion, Voice, Strings, Classical Guitar, Veena, Carnatic Vocal, Tabla Intermediate Choir Intermediate Band Small Orchestra Advanced Band Advanced Choir Honors Choir Band / Ensembles / Choir are 2 semester courses Indian Dance
Practical Arts			Baking Indian Cooking International Cooking
Media Arts			Journalism Yearbook Photography Creative Writing
Additional subjects required for KIS Diploma	IB Higher Level	IB Standard Level	KIS Diploma course
Health			One semester only grade 11 or grade 12
Religious Education			Modern Religious Thought Basic Christianity Advanced Christianity Ethics Buddhism and Hinduism Judaism and Islam Two courses over 2 years
Industrial Art			Auto Mechanics
PE			Requires registration
Social Experience			Requires registration
Other requirements/options			
SAT prep classes			SAT Math SAT English
TOK	Full IB requirement		

Student: _____

Advisor: _____ Careers & College Advisor: _____

High School Coordinator: _____

Cover photograph by Penny Ohana



KODAIKANAL INTERNATIONAL SCHOOL

Seven Roads Junction, PO Box 25,
KodaiKANAL 624 101, Tamil Nadu, India
tel: (91) 4542 247 500
fax: (91) 4542 241 109
email: contact@kis.in
www.kis.in

KIS... over 100 years in global education

A non-profit, multicultural, Christian organization registered # 181-6970 of 1996 under section 25 of the Companies Act 1956

