



Standards and Benchmarks

Grade Ten

Language Arts Standards and Benchmarks

READING

1. Use a variety of word recognition and comprehension skills in reading.

- 1.1 Use paraphrasing and summarizing to evaluate a variety of texts.
- 1.2 Interpret and evaluate literary, expository and texts.
- 1.3 Understand first-person (primary source) documents.
- 1.4 Understand facts and opinions in a variety of texts.
- 1.5 Use inferences to evaluate and make connections within and between texts.
- 1.6 Apply background knowledge of subject and text structure to understand and make.
- 1.7 Identify and understand the use of present tense in literary analysis.
- 1.8 Identify the difference between fact and opinion in a variety of fiction and non-fiction texts.
- 1.9 Confirm meaning of jargon, connotation, denotations, colloquialism, and dialect using context clues.

2. Use information from reading to increase vocabulary and enhance language usage.

- 2.1 Understand that words have multiple meanings determined by context, roots, prefixes, and suffixes.
- 2.2 Understand that vocabulary expresses cultural and historical aspects of the text (e.g., thong, bodkin, gay, red, suspect).

3. Recognize and use literary terminology while reading a variety of literary texts to learn about cultures.

- 3.1 Accurately identify theme; poetic forms (e.g., ballad, sonnet and heroic couplet) and poetic devices (e.g., assonance, consonance, rhyme, and meter) and explain how each literary technique adds meaning to texts.
- 3.2 Apply knowledge of literary terminology including allusion, aside, symbolism, imagery, soliloquy, iambic pentameter, tragedy, irony (dramatic, situational, and verbal) and paradox and explain how each literary technique adds meaning to texts.
- 3.3 Read, discuss and analyze a variety of fiction and non-fiction texts including anchor texts.
- 3.4 Understand world cultures and traditions expressed in a variety of texts and genres, including both classical and contemporary texts.

4. Use a variety of strategies to understand and analyze texts.

4.1 Use literary skills to synthesize and evaluate similarities in themes within various texts.

4.2 Recognize and eliminate logical fallacies.

WRITING AND SPEAKING

5. Write and speak in a variety of genres.

5.1 Write and speak in a variety of genres (e.g., expository, narrative, persuasive, descriptive, vignette, short narrative, monologue, script, and poetry).

5.2 Write and speak for a variety of purposes (e.g., to synthesize, analyze, evaluate, explain, persuade, inform, and entertain).

5.3 Incorporate material from a variety of appropriate sources in writing and speaking

6. Write and speak for a variety of audiences and purposes.

6.1 Write to synthesize and explain research (e.g., documented essays)

6.2 Use the format, voice and style appropriate for audience and purpose

6.3 Develop main ideas and content fully focused on a prompt with relevant, thorough and effective support.

7. Use the steps of the writing process (e.g., plan, draft, revise, edit, share, publish).

7.1 Use strategies independently to plan, draft, revise and edit writing.

7.2 Revise for stylistic consistency, with a focus on unity and coherence.

7.3 Adjust presentation strategies according to audience and purpose.

8. Use a variety of devices (e.g., figure of speech, symbolism, dialect, and vocabulary) to convey meaning.

8.1 Use vivid and precise language, eliminating clichés in written texts.

8.2 Use imagery to enhance meaning in a variety of genres.

8.3 Use a variety of devices independently and deliberately to convey meaning (e.g., figures of speech, symbolism, dialect).

9. Use a variety of strategies to organize written and oral presentations (e.g., lists, outlining, cause/effect, and comparison/contrast).

9.1 Use comparison/contrast, problem/solution, and cause/effect text structures to

organize

9.2 Apply appropriate structures for creative writing

LANGUAGE AND USAGE

10. Use conventions of grammar, usage, and mechanics in writing and speaking.

10.1 Use active voice consistently.

10.2 Demonstrate control of grammar and usage.

10.3 Identify and correctly use clauses, phrases, properly placed modifiers and parallel structure.

10.4 Demonstrate control of sentence structure and paragraphs.

10.5 Use semicolons, colons, dashes and ellipses correctly.

10.6 Demonstrate control of punctuation in all forms of writing.

10.7 Use capitals correctly in the names of historical events and periods, special events, holidays and other calendar items and time zones.

10.8 Use capitals correctly in the names of organizations, teams, business firms, Institutions, government bodies and buildings.

10.9 Demonstrate control of capitalization in writing.

10.10 Identify and apply knowledge of root words to assist in spelling.

10.11 Demonstrate control of spelling in writing.

THINKING AND VIEWING

11. Use thinking and analytical skills in writing, reading, speaking, listening and viewing.

11.1 Make predictions, draw conclusions and analyze texts.

12. Use reading, writing, speaking, listening and viewing to define and solve problems.

12.1 Use reading and writing to define a problem, evaluate opinions and/or propose solutions.

13. Recognize, express and support opinions orally and in writing.

13.1 Recognize, express and defend personal opinions in speaking and writing in an articulate manner.

14. Know the purpose, perspective and historical and cultural influences of a speaker, author or director.

14.1 Understand historical perspective in a variety of texts.

15. Use a variety of criteria to evaluate information (e.g., reliability, accuracy, and relevancy).

15.1 Evaluate the reliability, accuracy and relevance of a variety of texts.

15.2 Analyze the quality of a text based on the author's use of vocabulary, use of characterization, character development, plot development and description of setting.

RESEARCH

16. Understand the structure, organization and use of resources to gather information for research.

16.1 Identify and analyze bias in a variety of texts.

16.2 Use a variety of sources to gather information for research independently (e.g., print sources, electronic sources, and personal interviews).

16.3 Evaluate information in resources for specific needs.

16.4 Summarize and organize information from references, technical sources and media.

16.5 Continue to define and refrain from plagiarism.

16.6 Use MLA style to document authors and sources of information used in research projects.

16.7 Use parenthetical documentation to cite sources within research projects

16.8 Produce a documented essay with cited sources and parenthetical documentation.

Mathematics Standards and Benchmarks

Algebra II

1. Number and Number Sense: Students will understand numbers, ways of representing numbers, and number systems.

2. Computation and Estimation: Students will understand meanings of operations and how they relate to one another by computing fluently and making reasonable estimates.

3. Measurement: Students will measure attributes of objects and the units, systems, and processes of measurement by applying appropriate techniques, tools, and formulas to determine measurements.

4. Geometry: Students will analyze characteristics and properties of two and three dimensional geometric shapes, specify locations and describe spatial relationships using coordinate geometry and other representational systems, and apply transformations and use symmetry to analyze mathematical situations.

5. Probability and Statistics: (A) Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them. (B) Students will develop and evaluate inferences and predictions that are based on data by applying basic concepts of probability.

6. Patterns, Functions, and Algebra: Students will identify, create, analyze and extend patterns, relations, and functions using algebraic symbols and mathematical models, and will analyze change in various contexts.

Expressions and Operations

6.1 Identify field properties, axioms of equality and inequality, and properties of order that are valid for the set of real numbers and its subsets, complex numbers, and matrices.

6.2 Add, subtract, multiply, divide, and simplify rational expressions, including complex fractions and complex numbers.

6.3 Add, subtract, multiply, divide, and simplify radical expressions containing real numbers and variables and expressions containing rational and irrational exponents; and write radical expressions as expressions containing rational exponents and vice versa.

6.4 Identify and factor completely polynomials representing the difference of squares, perfect square trinomials, the sum and difference of cubes, and factor general trinomials, factor by grouping, and factor polynomials up to degree 5 by using synthetic division, and by combinations of the above.

6.5 Perform the four basic operations on complex numbers and express the results in simplest $(a + bi)$ form. Simplifying results will involve using patterns of the powers of i .

Relations and Functions

6.6 Recognize the general shape of polynomial, exponential, logarithmic, square root, cube root, reciprocal, and trigonometric functions (the graphing calculator will be used as a tool to investigate the shape and behavior of these functions).

6.7 Recognize multiple representations of functions (linear, quadratic, absolute value, step (greatest integer function), exponential, reciprocal) and convert between a graph, a table, and symbolic form.

6.8 Transform function equations and graphs with shifts, stretches, and reflections (the graphing calculator may be used as a tool in visualizing the effects of function transformations).

6.9 Find the domain, range, zeros, and inverse of a function; the value of a function for a given element in its domain, as well as the domain element for a given function value (image and pre-image); and the composition of multiple functions. Functions will include exponential, logarithmic, and others that have domains and ranges that are limited and/or discontinuous (the graphing calculator will be used as a tool to assist in the investigation of functions).

6.10 Investigate and apply the properties of arithmetic and geometric sequences and series to solve practical problems, including writing the first n terms, finding the n th term, and evaluating summation formulas. Notation will include sigma notation and subscripts (\sum and a_n .)

*6.11 Investigate and apply the properties of harmonic and Fibonacci sequences and series as well as other sequences (like alternating sequences) to find the general term and a recursive formula including the use of n factorial.

6.12 Analyze data to make predictions and solve practical problems at an introductory level. Graphing calculators will be used to investigate scatterplots and to determine the equation for a curve of best fit. Models will include linear and quadratic functions. The exponential and logarithmic functions will be used as time allows.

6.13 Identify, create, and solve practical problems involving inverse variation and a combination of joint and inverse variations.

Equations and Inequalities

6.14 Solve absolute value equations and inequalities algebraically and graphically (graphing calculators may be used to verify algebraic solutions).

6.15 Select, justify, and apply a technique to solve a quadratic equation over the set of complex numbers (graphing calculators may be used for solving and for confirming the algebraic solutions).

6.16 Solve equations containing rational expressions and equations containing radical expressions algebraically and graphically (graphing calculators may be used for solving and for confirming the algebraic solutions).

6.17 Investigate and describe through the use of graphs the relationships between the solution of an equation, zero of a function, x-intercept of a graph, and factors of a polynomial expression.

6.18 Study conic sections (circle, ellipse, parabola, and hyperbola) and their properties, find their equations in standard form, describe the characteristics (e.g., foci, directrices, asymptotes, axis of symmetry, length of latera recta, eccentricity) of a given conic from its equation. Given the equations in (h, k) form, the student will sketch graphs of conic sections using transformations.

6.19 Perform basic operations with matrices by hand (addition, subtraction, multiplication, and *inverse).

6.20 Use matrix multiplication to solve practical problems, including matrices larger than 2 by 2. Graphing calculators or computer programs with matrix capabilities may be used to find the product.

Science Standards and Benchmarks*

Physics

Grade Ten

1. Scientific Thinking and Practice - Understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.

1.1 Use accepted scientific methods to collect, analyze, and interpret data and observations, to design and conduct scientific investigations, and communicate results.

1.1.A Describe the essential components of an investigation, including appropriate methodologies, proper equipment, and safety precautions.

1.1.B Design and conduct scientific investigations that include:

- testable hypotheses
- controls and variables
- methods to collect, analyze, and interpret data
- results that address hypotheses being investigated
- predictions based on results
- re-evaluation of hypotheses and additional experimentation as necessary
- error analysis.

1.1.C Use appropriate technologies to collect, analyze, and communicate scientific data (e.g., computers, calculators, balances, microscopes, probes, etc. where appropriate).

1.1.D Convey results of investigations using scientific concepts, methodologies, and expressions, including:

- scientific language and symbols
- diagrams, charts, and other data displays

- mathematical expressions and processes (e.g., mean, median, slope, proportionality)
- clear, logical, and concise communication
- reasoned arguments.

1.1.E Understand how scientific theories are used to explain and predict natural phenomena (e.g., plate tectonics, ocean currents, structure of atom).

1.2 Understand that scientific processes produce scientific knowledge that is continually evaluated, validated, revised, or rejected.

1.2.A Understand how scientific processes produce valid, reliable results, including:

- consistency of explanations with data and observations
- openness to peer review
- full disclosure and examination of assumptions
- testability of hypotheses
- repeatability of experiments and reproducibility of results.

1.2.B Use scientific reasoning and valid logic to recognize:

- faulty logic
- cause and effect
- the difference between observation and unsubstantiated inferences and conclusions
- potential bias.

1.2.C Understand how new data and observations can result in new scientific knowledge.

1.2.D Critically analyze an accepted explanation by reviewing current scientific knowledge.

1.2.E Examine investigations of current interest in science (e.g., superconductivity, molecular machines, age of the universe).

1.2.F Examine the scientific processes and logic used in investigations of past events (e.g., using data from crime scenes or fossils), investigations that can be planned in advance, but are only done once (e.g., expensive or time-consuming experiments such as medical or clinical trials), and investigations of phenomena that can be repeated easily and frequently.

1.3 Use mathematical concepts, principles, and expressions to analyze data, develop models, understand patterns and relationships, evaluate findings, and draw conclusions.

1.3.A Create multiple displays of data to analyze and explain the relationships in scientific investigations.

1.3.B Use mathematical models to describe, explain, and predict natural phenomena.

1.3.C Use technologies to quantify relationships in scientific hypotheses (e.g., calculators, computer spreadsheets and databases, graphing software, simulations, modeling).

1.3.D Identify and apply measurement techniques and consider possible effects of measurement errors.

1.3.E Use mathematics to express and establish scientific relationships (e.g., scientific notation, vectors, dimensional analysis).

2. The Content of Science (Physical Science) - Understand the structure of properties of matter, the characteristics of energy, and the interactions between matter and energy.

2.1 Understand the properties, underlying structure, and reactions of matter.

2.1.A Classify matter in a variety of ways (e.g., element, compound, mixture; solid, liquid, gas; acidic, basic, neutral).

2.1.B Identify, measure, and use a variety of physical and chemical properties (e.g., electrical conductivity, density, viscosity, chemical reactivity, pH, melting point).

2.1.C Know how to use properties to separate mixtures into pure substances (e.g., distillation, chromatography, solubility).

2.1.D Describe trends in properties (e.g., ionization energy or reactivity as a function of location on the periodic table, boiling point of organic liquids as a function of molecular weight).

2.2 Understand the transformation and transmission of energy and how energy and matter interact.

2.2.A Identify different forms of energy, including kinetic, gravitational (potential), chemical, thermal, nuclear, and electromagnetic.

2.2.B Explain how thermal energy (heat) consists of the random motion and vibrations of atoms and molecules and is measured by temperature.

2.2.C Understand that energy can change from one form to another (e.g., changes in kinetic and potential energy in a gravitational field, heats of reaction, hydroelectric dams) and know that energy is conserved in these changes.

2.2.D Understand how heat can be transferred by conduction, convection, and radiation, and how heat conduction differs in conductors and insulators.

2.2.E Explain how heat flows in terms of the transfer of vibrational motion of atoms and molecules from hotter to colder regions.

2.2.F Understand that the ability of energy to do something useful (work) tends to decrease (and never increases) as energy is converted from one form to another.

2.2.G Understand that electromagnetic waves carry energy that can be transferred when they interact with matter.

2.2.H Describe the characteristics of electromagnetic waves (e.g., visible light, radio, microwave, X-ray, ultraviolet, gamma) and other waves (e.g., sound, seismic waves, water waves), including:

- origin and potential hazards of various forms of electromagnetic radiation
- energy of electromagnetic waves carried in discrete energy packets (photons) whose energy is inversely proportional to wavelength.

2.2.I Know that each kind of atom or molecule can gain or lose energy only in discrete amounts.

2.2.J Explain how wavelengths of electromagnetic radiation can be used to identify atoms, molecules, and the composition of stars.

2.2.K Understand the concept of equilibrium (i.e., thermal, mechanical, and chemical).

2.3 Understand the motion of objects and waves, and the forces that cause them.

2.3.A Know that there are four fundamental forces in nature: gravitation, electromagnetism, weak nuclear force, and strong nuclear force.

2.3.B Know that every object exerts gravitational force on every other object, and know how this force depends on the masses of the objects and the distance between them.

2.3.C Know that materials containing equal amounts of positive and negative charges are electrically neutral, but that a small excess or deficit of negative charges produces significant electrical forces.

2.3.D Understand the relationship between force and pressure, and how the pressure of a volume of gas depends on the temperature and the amount of gas.

2.3.E Explain how electric currents cause magnetism and how changing magnetic fields produce electricity (e.g., electric motors, generators).

2.3.F Represent the magnitude and direction of forces by vector diagrams.

2.3.G Know that when one object exerts a force on a second object, the second object exerts a force of equal magnitude and in the opposite direction on the first object (i.e., Newton's Third Law).

2.3.H Apply Newton's Laws to describe and analyze the behavior of moving objects, including:

- displacement, velocity, and acceleration of a moving object
- Newton's Second Law, $F = ma$ (e.g., momentum and its conservation, the motion of an object falling under gravity, the independence of a falling object's motion on mass)
- circular motion and centripetal force.

2.3.I Describe relative motion using frames of reference.

2.3.J Describe wave propagation using amplitude, wavelength, frequency, and speed.

2.3.K Explain how the interactions of waves can result in interference, reflection, and refraction.

2.3.L Describe how waves are used for practical purposes (e.g., seismic data, acoustic effects, Doppler effect).

3. The Content of Science (Life Science) - Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.

This standard is addressed in grades seven and nine.

4. The Content of Science (Earth and Space Science) - Understand the structure of Earth, the solar system, and the universe, the interconnections among them, and the processes and interactions of Earth's systems.

The standard is addressed in grade six.

5. Science and Society - Understand how scientific discoveries, inventions, practices, and knowledge influence, and are influenced by individuals and societies.

5.1 Examine and analyze how scientific discoveries and their applications affect the world, and explain how societies influence scientific investigations and applications.

5.1.A Know how science enables technology but also constrains it, and recognize the difference between real technology and science fiction.

5.1.B Understand how advances in technology enable further advances in science (e.g., microscopes and cellular structure; telescopes and understanding of the universe).

5.1.C Evaluate the influences of technology on society (e.g., communications, petroleum, transportation, nuclear energy, computers, medicine, genetic engineering) including both desired and undesired effects, and including some historical examples (e.g., the wheel, the plow, the printing press, the lightning rod).

5.1.D Understand the scientific foundations of common technologies.

5.1.E Describe major historical changes in scientific perspectives (e.g., atomic theory, germs, cosmology, relativity, plate tectonics, evolution) and the experimental observations that triggered them.

5.1.F Describe how environmental, economic, and political interests impact resource management.

5.1.G Identify how science has produced knowledge that is relevant to individual health and material prosperity.

5.1.H Understand that reasonable people may disagree about some issues that are of interest to both science and religion (e.g., the origin of life on earth, the cause of the Big Bang, the future of earth).

5.1.I Understand that scientists have characteristics in common with other individuals (e.g., employment and career needs, curiosity, desire to perform public service, greed, preconceptions and biases, temptation to be unethical, core values including honesty and openness).

5.1.J Know that science plays a role in many different kinds of careers and activities.

**Adapted from New Mexico Science Content Standards, Benchmarks, and Performance Standards and AERO.*

Social Studies Standards and Benchmarks

Grades Nine to Twelve

1. (Time, Continuity, and Change) Students will understand patterns of change and continuity, relationships between people and events through time, and various interpretations of these relationships.

1.1 Critique historians' interpretations of the past using a variety of sources.

1.2 Identify and evaluate long-term changes, enduring influences, and recurring patterns in world history.

1.3 Perform analyses of quantitative historical data.

1.4 Analyze the impact of revolution on politics, economies, and societies.

1.5 Understand how ideals and institutions of freedom, equality, justice, and citizenship have changed over time and from one society to another.

2. (Connections and Conflict) Students will understand causes and effects of interaction among societies, including trade, systems of international exchange, war, and diplomacy.

- Environment

- Belief systems (e.g., religion, politics)

- Economics

- Geography/land

- Ethnicity/race/gender

- Culture

- Balance of power

2.1. Understand how trans-regional alliances and multinational organizations can encourage or discourage solidarity and diversity.

2.2 Evaluate issues concerning historical and contemporary disparities between ideals and realities.

2.3 Analyze how cooperation and conflict influence the development and control of political, economic, and social entities.

2.4 Analyze effects of differing national foreign policy positions on international competition and cooperation.

2.5 Evaluate effects of political conflict on national unity.

2.6 Analyze ways in which trade has contributed to connections and conflict in and among selected societies.

2.7 Evaluate relationships between political systems and the development of multi-national alliances.

2.8 Understand types of world powers (e.g., military, corporations, religions) and how they influence connections and conflicts in the world.

2.9 Evaluate the effectiveness of international organizations.

3. (People, Places, and Environment) Students will understand the concepts of geography and demography and how geography and demography influence and are influenced by human history.

3.1 Explain how the physical environment contributes to the development of distinct cultural identities.

3.2 Use spatial models to explain relationships between places and patterns of settlement and trade.

3.3 Explain how social, cultural, and economic factors shape physical and other human features of places and regions.

3.4 Evaluate the impact of migration on human systems (e.g., health care, education, government).

4. (Culture) Students will understand cultural and intellectual developments and interactions among and within societies.

4.1 Analyze sources and characteristics of cultural, religious, and social reform movements.

4.2 Compare the development of Greco-Roman philosophies and science to the origins of Judaism, Christianity, and Islam; Hinduism and Buddhism; and Confucianism.

4.3 Examine different theories of religion.

4.4 Understand the origins and diffusion of modern science and the intellectual developments.

4.5 Examine examples of acculturation and assimilation in the context of belief systems and culture.

4.6 Evaluate the religious dimensions (creed, code of behavior, rituals, community) of non-religious belief systems (e.g. communalism, patriotism, activism, consumerism).

4.7 Understand how art, literature, and traditional customs both shape and are shaped by society.

5. (Society and Identity) Students will understand social systems and structures and how these influence individuals.

5.1 Analyze how sociological circumstances (e.g., class, heritage, ethnicity) influence an individual's perceptions of and reactions to the world.

5.2 Analyze the socialization of individuals by groups, organizations, and institutions.

5.3 Understand why cultural definitions of gender identity persist and are resistant to change.

5.4 Understand circumstances and consequences that arise from differences between cultural norms and personal gender identity and/or sexual orientation.

5.5 Understand limits of socialization and the power of choice in personal identity.

6. (Governance and Citizenship) Students will understand why societies create and adopt systems of governance and how these systems address human needs, rights, and citizen responsibilities.

6.1 Understand strengths and weaknesses of various kinds of political philosophies.

6.2 Analyze how and why governments distribute benefits and burdens.

6.3 Analyze how social, economic, and political conditions contribute to the establishment and preservation of governments.

6.4 Evaluate issues regarding distribution of powers and responsibilities within national governments.

6.5 Understand major responsibilities of national governments for domestic and foreign policy.

6.6 Evaluate how public opinion influences politics.

6.7 Explain the roots of contemporary political systems.

6.8 Evaluate advantages and disadvantages of alternative means of achieving specific political objectives.

6.9 Explain the importance of shared political and civic beliefs and values, and of economic prosperity, to the preservation of constitutional democracy.

6.10 Evaluate the role of law in political systems.

6.11 Evaluate how the media communicate, shape, and control ideas in political life.

6.12 Evaluate functions and responsibilities of, and challenges to, government leaders and public servants.

7. (Production, Distribution, and Consumption) Students will understand fundamental economic principles and ways in which economies are shaped by geographic and human factors.

7.1 Understand basic economic concepts.

7.2 Explain the major economic systems and evaluate their relative merits.

7.3 Explain patterns of trade from ancient times to the present.

7.4 Analyze ways in which trade has contributed to economic change in selected societies or civilizations.

7.5 Analyze and evaluate economic issues from a geographical point of view.

7.6 Describe reciprocal influences of changes in transportation and communication and changes in trade and economic activities.

8. (Science, Technology, and Society) Students will understand how societies have influenced and been influenced by scientific developments and technological developments.

8.1 Evaluate the ambiguity of the term technology.

8.2 Understand why different socio-economic groups within a culture may react differently to technological innovation.

8.3 Analyze effects of technology on the diffusion of culture and the preservation of cultural identity.

8.4 Evaluate whether changing technologies create new ethical dilemmas or make existing ethical dilemmas more acute.

8.5 Understand historical and current influences of modern science on technological innovation.

8.6 Evaluate whether confidence in modern science is strengthening or weakening.

8.7 Understand that the principal contexts of technological innovation and scientific research are commercial and military and understand the implications of these contexts.

8.8 Describe how values, beliefs, and attitudes have influenced and been influenced by scientific knowledge and technological knowledge.

8.9 Analyze instances in which economic conditions have influenced and been influenced by scientific developments and technological developments.

8.10 Explain the roles and effects of technology and of science in resource acquisition and use.

8.11 Analyze social, moral, ethical, religious, and legal issues arising from technological developments and scientific developments.

Beginner and Intermediate Spanish

Grades 9 -12

1. Use the target language to engage in conversations, express feelings and emotions, and exchange opinions and information.

1.1 Use the target language to express one's point of view through the exchange of personal feelings and ideas with members of the target culture.

1.2 Use appropriate vocabulary to exchange information about national and international (e.g., information from newspaper or magazine articles; programs on television, radio or video).

1.3 Use appropriate vocabulary (e.g., literary terms such as setting, character, plot, conflict, resolution, theme) to express personal reactions and feelings about authentic literary texts (e.g., poems, plays, short stories, novels).

1.4 Use appropriate vocabulary to exchange opinions and perspectives on issues of contemporary and historical interest in the target and native cultures.

1.5 Use appropriate verbal strategies and cues (e.g., rephrasing, circumlocution, summarization) to communicate a message in a target language.

1.6 Use appropriate vocabulary to acquire goods and services in the target language for personal needs and leisure (e.g., locating items in a pharmacy, finding a hotel or train station, repairing objects, asking for information).

1.7 Use appropriate cultural responses in diverse exchanges (e.g., expressing gratefulness, extending and receiving invitations, apologizing, communicating preferences, making an appointment, closing a conversation, negotiating solutions to problems).

1.8 Uses the target language to exchange information about current or past events and aspirations in one's personal life and in those of family, friends and community.

2. Understand and interpret written and spoken language on diverse topics from diverse media.

2.1 Understand the main ideas and significant details of extended discussions, lectures, formal presentations, and various forms of media (e.g., radio or television programs, movies) that are appropriate at this developmental level.

2.2 Understand the main ideas and significant details of expository texts (e.g., full-length feature articles and newspapers and magazines) on topics of current and historical importance to members of the target culture.

2.3 Understand story elements (e.g., main plot and subplots; appearance roles and significance of characters; theme, setting) in authentic ability - appropriate written literature (e.g., short stories and poems).

3. Present information, concepts, and ideas to an audience of listeners or readers on a variety of topics.

3.1 Write in the target language in a variety of forms (e.g., personal essays, poems, plays, shorts stories, songs, dialogue, business and personal letters, invitations, drama, journals, e-mail, articles for student publications, factual reports).

3.2 Write in the target language for a variety of audiences (e.g., pen-pals, peers, friends, adults, native speakers of the target language) on different topics (e.g., current events of mutual interest).

3.3 Summarize orally or in writing the content of various expository texts appropriate at this developmental level (e.g., feature magazine or newspaper articles) on topics of current or historical interest to members of the target culture.

3.4 Present cultural and literary works in the target language that are appropriate at this developmental level (e.g., performs scenes from plays, recites poems or excerpts from short stories).

3.5 Present information orally or in writing on literary and cultural topics that are appropriate at this developmental level (e.g., presents the plot, character descriptions and development, and themes found in authentic literary works; expresses opinions and appreciation for various forms of literature, radio programs, songs, films, visual works).

3.6 Use a dictionary or thesaurus written entirely in the target language to select appropriate words for use in preparing written and oral reports.

3.7 Use language, content, and style of speech (e.g., advanced grammatical structures; specialized vocabulary, including political concepts, historical concepts, environmental terms; humor; sarcasm; irony; idiomatic speech) appropriate to different purposes (e.g., job interview, debate, formal meeting, business and friendly transactions).

4. Understand traditional ideas and perspectives, institutions, professions, literary and artistic expression, and other components of target culture.

4.1 Understand various patterns of behavior or interaction that are typical of one's age group (e.g., extra-curricular activities, social engagements).

4.2 Understand the connections between socially-approved behavioral patterns and cultural perspectives.

4.3 Draw conclusions about the relationship and mutual influence between perspectives and practices in the target and native cultures.

4.4 Understand age-appropriate expressive forms of the target culture (e.g., literature; popular books; periodicals; videos; commercials; fine arts such as music, dance, design, painting, and drama) and their significance in the larger community.

4.5 Draw conclusions about the relationship and mutual influence between perspectives and expressive products (e.g., literature, periodicals, music, theater, and visual arts) in the target and native cultures.

4.6 Understand contrasting ways in which information about national and international events is reported in the target culture and the native culture.

4.7 Understand contrasting ways in which familial, economic, environmental, and political issues are reflected through oral, written, and artistic expression in the native and target cultures.

4.8 Understand how other cultures view the role of the native culture in the world arena.

4.9 Know significant political, military, intellectual, and cultural figures and how they have shaped historical events and the target culture's perspectives.

Español Avanzado I

9o.-12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Utiliza correctamente el sustantivo, el adverbio, la conjunción, el artículo, el pronombre, el adjetivo, la preposición y el verbo en la expresión oral.

1.2 Muestra riqueza léxica en la exposición oral.

1.3 Se expresa utilizando una estructura lógica y secuencial: introducción, desarrollo y conclusión.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Emplea las palabras con su correcta acentuación según sean agudas, graves, esdrújulas y sobreesdrújulas.

2.2 Aplica correctamente la tilde en casos especiales de acentuación: adverbios terminados en -mente, formas verbales con pronombres enclíticos, letras mayúsculas, palabras compuestas con guión.

2.3 Utiliza la tilde diacrítica.

2.4 Emplea correctamente la división de sílabas.

2.5 Aplica las reglas ortográficas en la producción textual.

2.6 Aplica la caligrafía correcta de la escritura.

2.7 Emplea con acierto los diferentes signos de puntuación.

2.8 Emplea correctamente las formas no personales del verbo.

2.9 Reconoce adverbios y locuciones adverbiales.

2.10 Usa las preposiciones de acuerdo con la normativa y el significado de las relaciones que establecen.

- 2.11 Emplea correctamente el sujeto (expreso o desinencial) en la estructura oracional.
- 2.12 Diferencia la oración unimembre y la bimembre.
- 2.13 Reconoce la estructura de la oración copulativa.
- 2.14 Reconoce la estructura de la oración predicativa.
- 2.15 Distingue los tipos de la oración predicativa.
- 2.16 Utiliza correctamente los complementos verbales.
- 2.17 Analiza la oración predicativa transitiva a partir de la función del complemento directo.
- 2.18 Reconoce la intención del emisor al construir una oración psicológica.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

- 3.1 Distingue las ideas fundamentales de las complementarias de las lecturas.
- 3.2 Analiza la información explícita del texto.
- 3.3 Interpreta el lenguaje connotativo.
- 3.4 Traduce expresiones respetando el sentido del texto.
- 3.5 Identifica las características predominantes de los diversos movimientos literarios.
- 3.6 Ubica la obra dentro de la modalidad literaria a la que pertenece: cuento, novela o leyenda.
- 3.7 Analiza tipos de narrador.
- 3.8 Reconoce la visión del mundo de los personajes (lo que dicen ser y lo que hacen, sus relaciones con los otros, los valores que refuerzan)
- 3.9 Diferencia entre estilos directo e indirecto.
- 3.10 Establece relaciones con el contexto sociocultural.
- 3.11 Interpreta la visión del mundo del hablante o yo lírico.
- 3.12 Reconoce aspectos de forma: métrica, rima y formas estróficas del verso.
- 3.13 Utiliza correctamente el sustantivo, el adverbio, la conjunción, el artículo, el pronombre, el adjetivo, la preposición y el verbo en la expresión escrita
- 3.14 Muestra riqueza léxica en la exposición escrita.

3.15 Identifica las figuras literarias: metáforas, símiles, prosopopeyas, hipérbolos, epítetos.

3.16 Reconoce las figuras de construcción: anáfora, reiteración, estribillo, hipérbaton, polisíndeton, encabalgamiento.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce las categorías constitutivas del ensayo.

4.2 Interpreta la visión del mundo del expositor.

4.3 Establece relaciones entre un ensayo determinado y su contexto sociocultural.

Español Avanzado II

9o. - 12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Distingue las palabras y frases incorrectas según el contexto entre las que son adecuadas.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Realiza trazos legibles.

2.1 Construye párrafos coherentes y significativos.

2.3 Enumera los cinco accidentes verbales.

2.4 Reconoce las particularidades de cada accidente verbal para conjugar diversos verbos.

2.5 Emplea el paradigma verbal.

2.6 Identifica cada una de las categorías del grupo nominal: sustantivo, adjetivo, artículo y pronombre.

2.7 Clasifica y subclasifica cada una de las categorías gramaticales del grupo nominal.

2.8 Establece la concordancia gramatical apropiada entre sujeto y verbo, y entre el género y número.

2.9 Identifica los tres procesos de formación de palabras en español: derivación, composición y onomatopeya.

2.10 Reconoce la función de los afijos en el proceso de formación de palabras (prefijos y sufijos).

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Cita e identifica las características de los diferentes géneros literarios tales como el teatro, cuento y novela.

3.2 Establece la diferencia entre comedia y tragedia mediante ejemplos tomados de las diferentes obras.

3.3 Identifica las diversas figuras literarias.

3.4 Delimita la estructura tanto de las obras narrativas como dramáticas.

3.5 Caracteriza y relaciona los personajes de las obras literarias.

3.6 Identifica las características del Realismo en la novela Don Quijote de la Mancha.

3.7 Clasifica las diferentes narraciones insertas del Quijote de la Mancha.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce el origen y la evolución del idioma español.

4.2 Realiza diversos tipos de análisis de las obras.

4.3 Identifica los elementos de la mitología griega que se presentan en las obras dramáticas.

4.4 Comprende la importancia histórica y universal de la lectura de la obra del Quijote de la Mancha.

4.5 Analiza los ámbitos sociales, económicos y culturales del mundo mostrado en las obras literarias.

Español Avanzado III

9o.-12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Identifica los registros del habla.

1.2 Interpreta y descifra el lenguaje connotativo.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Reconoce y clasifica todos los tipos de oraciones simples.

2.2 Realiza análisis sintácticos completos en oraciones simples.

2.3 Construye adecuadamente oraciones simples.

2.4 Emplea las palabras con su correcta acentuación según sean agudas, graves, esdrújulas y sobreesdrújulas.

2.5 Aplica correctamente la tilde en casos especiales de acentuación: adverbios terminados en -mente o palabras con pronombres enclíticos.

2.6 Aplica las reglas ortográficas de los homófonos en la producción textual.

2.7 Reconoce y clasifica todos los diferentes tipos de oraciones compuestas.

2.8 Realiza análisis sintácticos completos en oraciones compuesta.

2.9 Emplea adecuadamente la oración compuesta de acuerdo con su función

2.10 Evita en la construcción de los párrafos los vicios de queísmo, dequeísmo y cosismo.

2.11 Emplea apropiadamente las combinaciones deber, deber de, si no, sino, por qué, porque y porqué, en la construcción de párrafos.

2.12 Selecciona correctamente la concordancia que se establezca entre el pronombre y su antecedente para evitar formas innecesarias y redundantes.

2.13 Establece la concordancia entre los elementos determinantes del grupo nominal y modificadores entre el verbo y el sujeto.

2.14 Identifica y utiliza adecuadamente sinónimos, antónimos y homófonos en la producción textual.

2.15 Aplica las reglas de redacción estudiadas en los textos coloquiales: recados y cartas familiares.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Cita e identifica las características de los diferentes géneros literarios tales como el teatro, cuento y novela.

3.2 Establece la diferencia entre comedia y tragedia mediante ejemplos tomados de las diferentes obras.

3.3 Identifica las diversas figuras literarias.

- 3.4 Delimita la estructura tanto de las obras narrativas como dramáticas.
- 3.5 Caracteriza y relaciona los personajes de las obras literarias.
- 3.6 Analiza los diferentes tipos de narrador (omnisciente, protagonista y testigo).
- 3.7 Analiza el manejo del tiempo (lineal o perturbado) en la organización secuencial de la historia narrada.
- 3.8 Determina en la organización secuencial de la historia dramática actos, escenas o cuadros.
- 3.9 Diferencia entre los estilos directos e indirectos.
- 3.10 Identifica las principales características del Realismo en "La hoja de aire", y "El reino de este mundo"
- 3.9 Distingue las principales características del Realismo Mágico en "Crónica de una muerte anunciada".

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

- 4.1 Establece relaciones entre los contextos social, cultural e histórico.
- 4.2 Distingue en el mundo mostrado los acontecimientos, espacios, personajes y su respectiva visión de mundo.
- 4.3 Analiza los ámbitos sociales, económicos y culturales del mundo mostrado en las obras literarias.

Español Avanzado IV

12o. grado

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

- 1.1 Extrae y discute las ideas principales de los ensayos.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

- 2.1 Define el género literario novela enfatizando la modalidad de novela fantástica.
- 2.2 Realiza análisis literarios orales y escritos de la novela.

2.3 Se expresa en forma escrita aplicando adecuada y oportunamente las técnicas de redacción.

2.4 Se expresa en forma escrita aplicando adecuada y oportunamente todas las reglas ortográficas y signos de puntuación.

2.5 Realiza análisis morfológicos globales e integrados en párrafos y oraciones.

2.6 Demuestra su conocimiento de las estructuras morfosintácticas del idioma redactando ejemplos de los diferentes tipos de oraciones.

2.7 Corrige los vicios del lenguaje de uso frecuente en el habla popular y en la escritura cotidiana.

2.8 Analiza sintácticamente párrafos completos o/y oraciones .

2.9 Clasifica y subclasifica cualquier tipo de oración simple o compuesta.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Extrae y discute oralmente el mensaje de cada una de las obras literarias.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce los valores morales, religiosos y sociales de las épocas representadas en las obras dramáticas .

4.2 Reconoce las características de la novela fantástica.

4.3 Realiza análisis literarios orales y escritos de la novela en mención.

4.4 Cita y reconoce en una obra determinada las características de género dramático.

4.5 Identifica las características de estilo de sus autores y temas desarrollados en cada una de las obras.

4.6 Aplica los conceptos literarios en lecturas, análisis e investigaciones de obras literarias contemporáneas escritas en español.

4.7 Define y caracteriza el género literario poético.

4.8 Determina en cada poesía analizada su rima, métrica y versificación.

4.9 Establece el grado de cohesión entre forma y contenido de cada poema.

4.10 Reconoce un ensayo por sus características.

4.11 Establece el carácter expositivo de los ensayos.

4.12 Determina las funciones ideológica, exortativa y didáctica del ensayo.

4.13 Reconoce en un ensayo en particular todas las características y funciones del género.

Physical Education Standards and Benchmarks

Grade Ten

1. Demonstrate levels of competency and proficiency in various movement forms.

1.1 Demonstrate the ability to use combined movement skills and strategies in physical activities.

1.2 Demonstrate safe practices in physical activities.

1.3 Demonstrate advanced movement patterns in team and individual sports.

2. Apply movement concepts and principles to the learning and development of motor skills.

2.1 Demonstrate knowledge of strategies and rules for sports and other physical activities.

2.2 Analyze and apply physical factors that effect skill performance.

2.3 Demonstrate the ability to select appropriate practice procedures to improve level of skill.

3. Exhibit and understand the benefits associated with participation in various forms of physical activity.

3.1 Willingly participate in physical activities.

3.2 Participates regularly in activities that contribute to a physically activelifestyle.

3.3 Understand how activity participation patterns are likely to change throughout life.

3.4 Identify personal behavior that supports and does not support a healthy lifestyle.

4. Understand how to monitor and achieve a health-enhancing level of physical fitness.

4.1 Understand how to monitor fitness levels using basic principles of training.

4.2 Practice appropriate levels of cardiovascular fitness, muscular strength, endurance, and flexibility necessary for a healthy lifestyle.

4.3 Use results of physical fitness assessments to guide changes in physical activity.

5. Demonstrate and understand the importance of responsible personal and social behaviors.

5.1 Learn about other cultures through sport and activity.

5.2 Demonstrate a positive attitude toward teachers and peers.

5.3 Demonstrate sportsmanship while participating in physical activities.

5.4 Interact positively with peers regardless of individual and cultural differences.

5.5 Work cooperatively with teachers and peers.



Standards and Benchmarks

Grades Eleven and Twelve

Language Arts Standards and Benchmarks

READING

1. Use a variety of word recognition and comprehension skills in reading.

1.1 Use inferences to evaluate and synthesize ideas within texts, between texts, between the reader's experience and the texts and between the text and world ideas.

1.2 Seek out and synthesize background information about the subject, author, text structure, and historical context to make predictions about content and purpose of texts.

1.3 Evaluate the validity of opinions and facts expressed.

1.4 Formulate opinions and support them with details from texts and personal experience.

1.5 Expand independent use of a variety of sources to determine meanings and pronunciations of unfamiliar words.

2. Use information from reading to increase vocabulary and enhance language usage.

2.1 Understand that vocabulary expresses differences in conversational registers. (e.g., formal vs. informal, standard usage vs. slang).

2.2 Understand that vocabulary is dynamic and that discerning readers understand the subtleties of these changes.

3. Recognize and use literary terminology, reading a variety of literary and informational texts to learn about cultures.

3.1 Define and identify argumentative terms (e.g., band wagon, testimonial, circular thinking, *ad hoc*).

3.2 Apply knowledge of theme, poetic forms and poetic devices and explain how each literary technique adds meaning to texts.

3.3 Refrain from using logical fallacies when creating texts.

3.4 Read, discuss and analyze a variety of fiction and non-fiction texts including anchor texts.

3.5 Understand how historical context shapes and informs the literature of the era.

3.6 Understand American and British cultures and traditions as expressed in a variety of texts and genres, including both classical and contemporary texts.

4. Use a variety of strategies to understand and analyze texts.

4.1 Recognize and use a variety of literary analysis strategies, (e.g., historical, feminist, post-modern, formal, reader response).

WRITING AND SPEAKING

5. Write and speak in a variety of genres.

5.1 Incorporate material from a variety of appropriate sources independently in writing and speaking.

5.2 Apply knowledge of genres and purposes to literary analysis.

6. Write and speak for a variety of audiences and purposes.

6.1 Use appropriate vocabulary for a specific audience

6.2 Determine appropriate essay formats based on purpose.

6.3 Demonstrate skills in literary analysis by selecting appropriate evaluative methods and collecting and synthesizing support.

7. Use the steps of the writing process (e.g., plan, draft, revise, edit, share, publish).

7.1 Apply strategies independently to plan, draft, revise and edit writing for a variety of purposes and audiences.

7.2 Reflect appropriate manuscript requirements in writing (e.g., MLA style).

8. Use a variety of devices (e.g., figure of speech, symbolism, dialect, and vocabulary) to convey meaning.

8.1 Demonstrate control of devices and word choice in writing.

9. Use a variety of strategies to organize written and oral presentations (e.g., lists, outlining, cause/effect, and comparison/contrast).

9.1 Collect, evaluate and organize information from a variety of sources to produce research projects.

LANGUAGE AND USAGE

10. Use conventions of grammar, usage, and mechanics in writing and speaking.

10.1 Apply knowledge and demonstrate control of grammar and usage.

10.2 Apply knowledge and demonstrate control of sentence structure.

10.3 Apply knowledge and demonstrate control of punctuation.

10.4 Apply knowledge and demonstrate control of capitalization.

10.5 Apply knowledge and demonstrate control of spelling.

THINKING AND VIEWING

11. Use thinking and analytical skills in writing, reading, speaking, listening and viewing.

11.1 Make well-founded predictions, draw conclusions and analyze texts.

12. Use reading, writing, speaking, listening and viewing to define and solve problems.

12.1 Collaborate to gather and to share information with others (e.g. Socratic Seminar, Shared Inquiry).

13. Recognize, express and support opinions orally and in writing.

13.1 Compare and analyze the opinions of others and formulate and defend personal opinions in an articulate manner.

14. Know the purpose, perspective and historical and cultural influences of a speaker, author or director.

14.1 Analyze and evaluate the author's purpose in a variety of texts.

14.2 Identify historical/cultural context in a variety of texts.

15. Use a variety of criteria to evaluate information (e.g., reliability, accuracy, and relevancy).

15.1 Use a variety of criteria to evaluate the literary quality of texts (e.g., purpose, concept, theme development, historical perspective, and dialogue).

RESEARCH

16. Use a variety of research strategies to gather, organize, and document information and to communicate the results.

16.1 Analyze information for credibility, validity and bias.

16.2 Recognize the persuasive nature of research and gather information from a variety of sources with the intent of defending a position.

16.3 Continue to define and refrain from plagiarism.

16.4 Accurately use MLA style or other styles required to document resources in research.

16.5 Produce texts that represent a balance of factual information and personal analysis and evaluation with cited sources and parenthetical documentation

Mathematics Standards and Benchmarks

Pre Calculus

1. Number and Number Sense: Students will understand numbers, ways of representing numbers, and number systems.

2. Computation and Estimation: Students will understand meanings of operations and how they relate to one another by computing fluently and making reasonable estimates.

3. Measurement: Students will measure attributes of objects and the units, systems, and processes of measurement by applying appropriate techniques, tools, and formulas to determine measurements.

4. Geometry: Students will analyze characteristics and properties of two and three dimensional geometric shapes, specify locations and describe spatial relationships using coordinate geometry and other representational systems, and apply transformations and use symmetry to analyze mathematical situations.

Analytical Geometry

4.1 Investigate and identify the characteristics of conic section equations in (h, k) and standard forms. The techniques of translation and rotation of axes in the coordinate plane will be used to graph conic sections.

4.2 Perform operations with vectors in the coordinate plane and solve practical problems using vectors. This will include the following topics: operations of addition, subtraction, scalar multiplication, and inner (dot) product; norm of a vector; unit vector; graphing; properties; simple proofs; complex numbers (as vectors); and perpendicular components.

*4.3 Study vectors and lines in three-space, find the equation of a line in standard form, parametric form, and vector form, parallel and perpendicular lines, angles formed by lines and vectors, inner product (or dot product) and cross product (or vector product) of vectors, equation of a plane in standard form, distance between a point and a line and between a point and a plane.

Triangular and Circular Trigonometric Functions

4.4 Identify, create, and solve practical problems involving triangles. Techniques and concepts will include using the trigonometric functions, the Pythagorean Theorem, the Law of Sines, and the Law of Cosines, and angles of elevation and depression.

4.5 Use the definitions of the six trigonometric functions to find the sine, cosine, tangent, cotangent, secant, and cosecant of an angle in standard position, given a point, other than the origin, on the terminal side of the angle. Circular function definitions will be connected with trigonometric function definitions.

4.6 Identify and give the domain, range, and graph of the six trigonometric functions.

4.7 Given the value of one trigonometric function, find the values of the other trigonometric functions. Properties of the unit circle and definitions of circular functions will be applied.

4.8 Find, without the aid of a calculating utility, the values of the trigonometric functions of the special angles and their related angles as found in the unit circle. This will include converting radians to degrees and vice versa.

4.9 Find with the aid of a calculator the value of any trigonometric function and inverse trigonometric function.

4.10 identify the domain and range of the inverse trigonometric functions and recognize the graphs of these functions. Restrictions on the domains of the inverse trigonometric functions will be included.

Trigonometric Identities

4.11 Verify trigonometric identities and make substitutions, using the basic identities to simplify expressions, and to solve equations and inequalities involving trigonometric functions. Identities will include the sum/difference, double-angle, half-angle, sum-to-product.

Trigonometric Equations, Graphs, and Practical Problems

4.12 given one of the six trigonometric functions in standard form [e.g., $y = A \sin (Bx + C) + D$, where A , B , C , and D are real numbers],

- a) state the domain and the range of the function;
- b) determine the amplitude where applicable, period, phase shift, and vertical shift; and
- c) sketch the graph of the function by using transformations for at least a one-period interval.

The graphing calculator will be used to investigate the effect of changing A , B , C , and D on the graph of a trigonometric function

4.13 Solve trigonometric equations that include both infinite solutions and restricted domain solutions and solve basic trigonometric inequalities. Graphing utilities will be used to solve equations, check for reasonableness of results, and verify algebraic solutions

4.14 Identify, create, and solve practical problems involving triangles. Techniques will include using the trigonometric functions, the Pythagorean Theorem, the Law of Sines, and the Law of Cosines

5. Probability and Statistics: (A) Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them. (B) Students will develop and evaluate inferences and predictions that are based on data by applying basic concepts of probability.

6. Patterns, Functions, and Algebra: Students will identify, create, analyze and extend patterns, relations, and functions using algebraic symbols and mathematical models, and will analyze change in various contexts.

Functions

6.1 Investigate and identify the characteristics of polynomial and rational functions and use these to sketch the graphs of the functions. This include determining zeros, upper and lower bounds, y -intercepts, symmetry, asymptotes, intervals for which the function is increasing or decreasing, maximum or minimum points and curvature and points of inflection. Graphing utilities will be used to investigate and verify these characteristics.

6.2 Find compositions of functions and inverses of functions. Analytical methods and graphing utilities will be used to investigate and verify the domain and range of resulting functions.

6.3 Investigate and describe the continuity of functions, using graphs. The functions will include absolute value, piecewise, and step functions and all functions studied in Algebra II.

6.4 Find the limit of an algebraic function, if it exists, as the variable approaches either a finite number or infinity. A graphing utility may be used to verify intuitive reasoning, algebraic methods, and numerical substitution.

6.5 Investigate and identify the characteristics of exponential and logarithmic functions in order to graph these functions and solve equations and practical problems. This will include the role of e , natural and common logarithms, and logarithms of other bases, laws of exponents and logarithms, and the solution of logarithmic and exponential equations. Graphing utilities may be used to investigate and verify the graphs and solutions.

Discrete Mathematics

6.6 Expand binomials having positive integral exponents through the use of the Binomial Theorem, the formula for combinations, and Pascal's Triangle.

6.7 Solve practical problems involving arithmetic, geometric, harmonic, and Fibonacci sequences and series, and other patterns. This will include finding the sum (sigma notation included) of finite and infinite convergent series that will lead to an intuitive approach to a limit.

6.8 Use mathematical induction to prove formulas/statements involving natural numbers.

Polar and Parametric Equations

6.9 Investigate and identify the characteristics of the graphs of polar equations, using graphing utilities. This will include classification of polar equations, the effects of changes in the parameters in polar equations, and find the intersection of the graphs of polar equations.

6.10 Convert complex numbers from rectangular form to polar form and vice versa, do operations with complex numbers in polar form, including raising to a power and finding roots.

6.11 Use parametric equations to model and solve application problems. Identify and graph curves in parametric form by hand. Graphing utilities may be used to develop an understanding of the graph of parametric equations.

Determinants and Matrices

6.12 Find the value of a 2x2 and a 3x3 determinant and apply the concept to the solution of systems of linear equations using Cramer's Rule.

6.13 Review the basic operations with matrices (addition/subtraction, scalar multiplication, matrix multiplication, finding inverses of 2x2 and 3x3 matrices), and apply these concepts in solving systems of equations.

Science Standards and Benchmarks*

Chemistry

Grade Eleven

1. Scientific Thinking and Practice - Understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.

1.1 Use accepted scientific methods to collect, analyze, and interpret data and observations, to design and conduct scientific investigations, and communicate results.

1.1.A Describe the essential components of an investigation, including appropriate methodologies, proper equipment, and safety precautions.

1.1.B Design and conduct scientific investigations that include:

- testable hypotheses
- controls and variables

- methods to collect, analyze, and interpret data
- results that address hypotheses being investigated
- predictions based on results
- re-evaluation of hypotheses and additional experimentation as necessary
- error analysis.

1.1.C Use appropriate technologies to collect, analyze, and communicate scientific data (e.g., computers, calculators, balances, microscopes, probes, etc. where appropriate).

1.1.D Convey results of investigations using scientific concepts, methodologies, and expressions, including:

- scientific language and symbols
- diagrams, charts, and other data displays
- mathematical expressions and processes (e.g., mean, median, slope, proportionality)
- clear, logical, and concise communication
- reasoned arguments.

1.1.E Understand how scientific theories are used to explain and predict natural phenomena (e.g., plate tectonics, ocean currents, structure of atom).

1.2 Understand that scientific processes produce scientific knowledge that is continually evaluated, validated, revised, or rejected.

1.2.A Understand how scientific processes produce valid, reliable results, including:

- consistency of explanations with data and observations
- openness to peer review
- full disclosure and examination of assumptions
- testability of hypotheses
- repeatability of experiments and reproducibility of results.

1.2.B Use scientific reasoning and valid logic to recognize:

- faulty logic
- cause and effect

- the difference between observation and unsubstantiated inferences and conclusions
- potential bias.

1.2.C Understand how new data and observations can result in new scientific knowledge.

1.2.D Critically analyze an accepted explanation by reviewing current scientific knowledge.

1.2.E Examine investigations of current interest in science (e.g., superconductivity, molecular machines, age of the universe).

1.2.F Examine the scientific processes and logic used in investigations of past events (e.g., using data from crime scenes or fossils), investigations that can be planned in advance, but are only done once (e.g., expensive or time-consuming experiments such as medical or clinical trials), and investigations of phenomena that can be repeated easily and frequently.

1.3 Use mathematical concepts, principles, and expressions to analyze data, develop models, understand patterns and relationships, evaluate findings, and draw conclusions.

1.3.A Create multiple displays of data to analyze and explain the relationships in scientific investigations.

1.3.B Use mathematical models to describe, explain, and predict natural phenomena.

1.3.C Use technologies to quantify relationships in scientific hypotheses (e.g., calculators, computer spreadsheets and databases, graphing software, simulations, modeling).

1.3.D Identify and apply measurement techniques and consider possible effects of measurement errors.

1.3.E Use mathematics to express and establish scientific relationships (e.g., scientific notation, vectors, dimensional analysis).

2. The Content of Science (Physical Science) - Understand the structure of properties of matter, the characteristics of energy, and the interactions between matter and energy.

2.1 Understand the properties, underlying structure, and reactions of matter.

2.1.A Classify matter in a variety of ways (e.g., element, compound, mixture; solid, liquid, gas; acidic, basic, neutral).

2.1.B Identify, measure, and use a variety of physical and chemical properties (e.g., electrical conductivity, density, viscosity, chemical reactivity, pH, melting point).

2.1.C Know how to use properties to separate mixtures into pure substances (e.g., distillation, chromatography, solubility).

2.1.D Describe trends in properties (e.g., ionization energy or reactivity as a function of location on the periodic table, boiling point of organic liquids as a function of molecular weight).

2.1.E Understand that matter is made of atoms and that atoms are made of subatomic particles.

2.1.F Understand atomic structure, including:

- most space occupied by electrons
- nucleus made of protons and neutrons
- isotopes of an element
- masses of proton and neutron 2000 times greater than mass of electron
- atom held together by proton-electron electrical forces

2.1.G Explain how electrons determine the properties of substances by:

- interactions between atoms through transferring or sharing valence electrons
- ionic and covalent bonds
- the ability of carbon to form a diverse array of organic structures.

2.1.H Make predictions about elements using the periodic table (e.g., number of valence electrons, metallic character, reactivity, conductivity, type of bond between elements).

2.1.I Understand how the type and arrangement of atoms and their bonds determine macroscopic properties (e.g., boiling point, electrical conductivity, hardness of minerals).

2.1.J Know that states of matter (i.e., solid, liquid, gas) depend on the arrangement of atoms and molecules and on their freedom of motion.

2.1.K Know that some atomic nuclei can change, including:

- spontaneous decay
- half-life of isotopes
- fission
- fusion (e.g., the sun)
- alpha, beta, and gamma radiation.

2.1.L Know that chemical reactions involve the rearrangement of atoms, and that they occur on many timescales (e.g., picoseconds to millennia).

2.1.M Understand types of chemical reactions (e.g., synthesis, decomposition, combustion, redox, neutralization) and identify them as exothermic or endothermic.

2.1.N Know how to express chemical reactions with balanced equations that show:

- conservation of mass
- products of common reactions.

2.1.O Describe how the rate of chemical reactions depends on many factors that include temperature, concentration, and the presence of catalysts.

2.2 Understand the transformation and transmission of energy and how energy and matter interact.

2.2.A Identify different forms of energy, including kinetic, gravitational (potential), chemical, thermal, nuclear, and electromagnetic.

2.2.B Explain how thermal energy (heat) consists of the random motion and vibrations of atoms and molecules and is measured by temperature.

2.2.C Understand that energy can change from one form to another (e.g., changes in kinetic and potential energy in a gravitational field, heats of reaction, hydroelectric dams) and know that energy is conserved in these changes.

2.2.D Understand how heat can be transferred by conduction, convection, and radiation, and how heat conduction differs in conductors and insulators.

2.2.E Explain how heat flows in terms of the transfer of vibrational motion of atoms and molecules from hotter to colder regions.

2.2.F Understand that the ability of energy to do something useful (work) tends to decrease (and never increases) as energy is converted from one form to another.

2.2.G Understand that electromagnetic waves carry energy that can be transferred when they interact with matter.

2.2.H Describe the characteristics of electromagnetic waves (e.g., visible light, radio, microwave, X-ray, ultraviolet, gamma) and other waves (e.g., sound, seismic waves, water waves), including:

- origin and potential hazards of various forms of electromagnetic radiation
- energy of electromagnetic waves carried in discrete energy packets (photons) whose energy is inversely proportional to wavelength.

2.2.I Know that each kind of atom or molecule can gain or lose energy only in discrete amounts.

2.2.J Explain how wavelengths of electromagnetic radiation can be used to identify atoms, molecules, and the composition of stars.

2.2.K Understand the concept of equilibrium (i.e., thermal, mechanical, and chemical).

3. The Content of Science (Life Science) - Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.

This standard is addressed in grades seven and nine.

4. The Content of Science (Earth and Space Science) - Understand the structure of Earth, the solar system, and the universe, the interconnections among them, and the processes and interactions of Earth's systems.

The standard is addressed in grade six.

5. Science and Society - Understand how scientific discoveries, inventions, practices, and knowledge influence, and are influenced by individuals and societies.

5.1 Examine and analyze how scientific discoveries and their applications affect the world, and explain how societies influence scientific investigations and applications.

5.1.A Know how science enables technology but also constrains it, and recognize the difference between real technology and science fiction.

5.1.B Understand how advances in technology enable further advances in science (e.g., microscopes and cellular structure; telescopes and understanding of the universe).

5.1.C Evaluate the influences of technology on society (e.g., communications, petroleum, transportation, nuclear energy, computers, medicine, genetic engineering) including both desired and undesired effects, and including some historical examples (e.g., the wheel, the plow, the printing press, the lightning rod).

5.1.D Understand the scientific foundations of common technologies.

5.1.E Describe major historical changes in scientific perspectives (e.g., atomic theory, germs, cosmology, relativity, plate tectonics, evolution) and the experimental observations that triggered them.

5.1.F Describe how environmental, economic, and political interests impact resource management.

5.1.G Identify how science has produced knowledge that is relevant to individual health and material prosperity.

5.1.H Understand that reasonable people may disagree about some issues that are of interest to both science and religion (e.g., the origin of life on earth, the cause of the Big Bang, the future of earth).

5.1.I Understand that scientists have characteristics in common with other individuals (e.g., employment and career needs, curiosity, desire to perform public service, greed, preconceptions and biases, temptation to be unethical, core values including honesty and openness).

5.1.J Know that science plays a role in many different kinds of careers and activities.

**Adapted from New Mexico Science Content Standards, Benchmarks, and Performance Standards and AERO.*

Grades Nine to Twelve

1. (Time, Continuity, and Change) Students will understand patterns of change and continuity, relationships between people and events through time, and various interpretations of these relationships.

1.1 Critique historians' interpretations of the past using a variety of sources.

1.2 Identify and evaluate long-term changes, enduring influences, and recurring patterns in world history.

1.3 Perform analyses of quantitative historical data.

1.4 Analyze the impact of revolution on politics, economies, and societies.

1.5 Understand how ideals and institutions of freedom, equality, justice, and citizenship have changed over time and from one society to another.

2. (Connections and Conflict) Students will understand causes and effects of interaction among societies, including trade, systems of international exchange, war, and diplomacy.

- Environment

- Belief systems (e.g., religion, politics)

- Economics

- Geography/land

- Ethnicity/race/gender

- Culture

- Balance of power

2.1. Understand how trans-regional alliances and multinational organizations can encourage or discourage solidarity and diversity.

2.2 Evaluate issues concerning historical and contemporary disparities between ideals and realities.

2.3 Analyze how cooperation and conflict influence the development and control of political, economic, and social entities.

2.4 Analyze effects of differing national foreign policy positions on international competition and cooperation.

2.5 Evaluate effects of political conflict on national unity.

2.6 Analyze ways in which trade has contributed to connections and conflict in and among selected societies.

2.7 Evaluate relationships between political systems and the development of multi-national alliances.

2.8 Understand types of world powers (e.g., military, corporations, religions) and how they influence connections and conflicts in the world.

2.9 Evaluate the effectiveness of international organizations.

3. (People, Places, and Environment) Students will understand the concepts of geography and demography and how geography and demography influence and are influenced by human history.

3.1 Explain how the physical environment contributes to the development of distinct cultural identities.

3.2 Use spatial models to explain relationships between places and patterns of settlement and trade.

3.3 Explain how social, cultural, and economic factors shape physical and other human features of places and regions.

3.4 Evaluate the impact of migration on human systems (e.g., health care, education, government).

4. (Culture) Students will understand cultural and intellectual developments and interactions among and within societies.

4.1 Analyze sources and characteristics of cultural, religious, and social reform movements.

4.2 Compare the development of Greco-Roman philosophies and science to the origins of Judaism, Christianity, and Islam; Hinduism and Buddhism; and Confucianism.

4.3 Examine different theories of religion.

4.4 Understand the origins and diffusion of modern science and the intellectual developments.

4.5 Examine examples of acculturation and assimilation in the context of belief systems and culture.

4.6 Evaluate the religious dimensions (creed, code of behavior, rituals, community) of non-religious belief systems (e.g. communalism, patriotism, activism, consumerism).

4.7 Understand how art, literature, and traditional customs both shape and are shaped by society.

5. (Society and Identity) Students will understand social systems and structures and how these influence individuals.

5.1 Analyze how sociological circumstances (e.g., class, heritage, ethnicity) influence an individual's perceptions of and reactions to the world.

5.2 Analyze the socialization of individuals by groups, organizations, and institutions.

5.3 Understand why cultural definitions of gender identity persist and are resistant to change.

5.4 Understand circumstances and consequences that arise from differences between cultural norms and personal gender identity and/or sexual orientation.

5.5 Understand limits of socialization and the power of choice in personal identity.

6. (Governance and Citizenship) Students will understand why societies create and adopt systems of governance and how these systems address human needs, rights, and citizen responsibilities.

6.1 Understand strengths and weaknesses of various kinds of political philosophies.

6.2 Analyze how and why governments distribute benefits and burdens.

6.3 Analyze how social, economic, and political conditions contribute to the establishment and preservation of governments.

6.4 Evaluate issues regarding distribution of powers and responsibilities within national governments.

6.5 Understand major responsibilities of national governments for domestic and foreign policy.

6.6 Evaluate how public opinion influences politics.

6.7 Explain the roots of contemporary political systems.

6.8 Evaluate advantages and disadvantages of alternative means of achieving specific political objectives.

6.9 Explain the importance of shared political and civic beliefs and values, and of economic prosperity, to the preservation of constitutional democracy.

6.10 Evaluate the role of law in political systems.

6.11 Evaluate how the media communicate, shape, and control ideas in political life.

6.12 Evaluate functions and responsibilities of, and challenges to, government leaders and public servants.

7. (Production, Distribution, and Consumption) Students will understand fundamental economic principles and ways in which economies are shaped by geographic and human factors.

7.1 Understand basic economic concepts.

7.2 Explain the major economic systems and evaluate their relative merits.

7.3 Explain patterns of trade from ancient times to the present.

7.4 Analyze ways in which trade has contributed to economic change in selected societies or civilizations.

7.5 Analyze and evaluate economic issues from a geographical point of view.

7.6 Describe reciprocal influences of changes in transportation and communication and changes in trade and economic activities.

8. (Science, Technology, and Society) Students will understand how societies have influenced and been influenced by scientific developments and technological developments.

8.1 Evaluate the ambiguity of the term technology.

8.2 Understand why different socio-economic groups within a culture may react differently to technological innovation.

8.3 Analyze effects of technology on the diffusion of culture and the preservation of cultural identity.

8.4 Evaluate whether changing technologies create new ethical dilemmas or make existing ethical dilemmas more acute.

8.5 Understand historical and current influences of modern science on technological innovation.

8.6 Evaluate whether confidence in modern science is strengthening or weakening.

8.7 Understand that the principal contexts of technological innovation and scientific research are commercial and military and understand the implications of these contexts.

8.8 Describe how values, beliefs, and attitudes have influenced and been influenced by scientific knowledge and technological knowledge.

8.9 Analyze instances in which economic conditions have influenced and been influenced by scientific developments and technological developments.

8.10 Explain the roles and effects of technology and of science in resource acquisition and use.

8.11 Analyze social, moral, ethical, religious, and legal issues arising from technological developments and scientific developments.

Beginner and Intermediate Spanish

Grades 9 -12

1. Use the target language to engage in conversations, express feelings and emotions, and exchange opinions and information.

1.1 Use the target language to express one's point of view through the exchange of personal feelings and ideas with members of the target culture.

1.2 Use appropriate vocabulary to exchange information about national and international (e.g., information from newspaper or magazine articles; programs on television, radio or video).

1.3 Use appropriate vocabulary (e.g., literary terms such as setting, character, plot, conflict, resolution, theme) to express personal reactions and feelings about authentic literary texts (e.g., poems, plays, short stories, novels).

1.4 Use appropriate vocabulary to exchange opinions and perspectives on issues of contemporary and historical interest in the target and native cultures.

1.5 Use appropriate verbal strategies and cues (e.g., rephrasing, circumlocution, summarization) to communicate a message in a target language.

1.6 Use appropriate vocabulary to acquire goods and services in the target language for personal needs and leisure (e.g., locating items in a pharmacy, finding a hotel or train station, repairing objects, asking for information).

1.7 Use appropriate cultural responses in diverse exchanges (e.g., expressing gratefulness, extending and receiving invitations, apologizing, communicating preferences, making an appointment, closing a conversation, negotiating solutions to problems).

1.8 Uses the target language to exchange information about current or past events and aspirations in one's personal life and in those of family, friends and community.

2. Understand and interpret written and spoken language on diverse topics from diverse media.

2.1 Understand the main ideas and significant details of extended discussions, lectures, formal presentations, and various forms of media (e.g., radio or television programs, movies) that are appropriate at this developmental level.

2.2 Understand the main ideas and significant details of expository texts (e.g., full-length feature articles and newspapers and magazines) on topics of current and historical importance to members of the target culture.

2.3 Understand story elements (e.g., main plot and subplots; appearance roles and significance of characters; theme, setting) in authentic ability - appropriate written literature (e.g., short stories and poems).

3. Present information, concepts, and ideas to an audience of listeners or readers on a variety of topics.

3.1 Write in the target language in a variety of forms (e.g., personal essays, poems, plays, shorts stories, songs, dialogue, business and personal letters, invitations, drama, journals, e-mail, articles for student publications, factual reports).

3.2 Write in the target language for a variety of audiences (e.g., pen-pals, peers, friends, adults, native speakers of the target language) on different topics (e.g., current events of mutual interest).

3.3 Summarize orally or in writing the content of various expository texts appropriate at this developmental level (e.g., feature magazine or newspaper articles) on topics of current or historical interest to members of the target culture.

3.4 Present cultural and literary works in the target language that are appropriate at this developmental level (e.g., performs scenes from plays, recites poems or excerpts from short stories).

3.5 Present information orally or in writing on literary and cultural topics that are appropriate at this developmental level (e.g., presents the plot, character descriptions and development, and themes found in authentic literary works; expresses opinions and appreciation for various forms of literature, radio programs, songs, films, visual works).

3.6 Use a dictionary or thesaurus written entirely in the target language to select appropriate words for use in preparing written and oral reports.

3.7 Use language, content, and style of speech (e.g., advanced grammatical structures; specialized vocabulary, including political concepts, historical concepts, environmental terms; humor; sarcasm; irony; idiomatic speech) appropriate to different purposes (e.g., job interview, debate, formal meeting, business and friendly transactions).

4. Understand traditional ideas and perspectives, institutions, professions, literary and artistic expression, and other components of target culture.

4.1 Understand various patterns of behavior or interaction that are typical of one's age group (e.g., extra-curricular activities, social engagements).

4.2 Understand the connections between socially-approved behavioral patterns and cultural perspectives.

4.3 Draw conclusions about the relationship and mutual influence between perspectives and practices in the target and native cultures.

4.4 Understand age-appropriate expressive forms of the target culture (e.g., literature; popular books; periodicals; videos; commercials; fine arts such as music, dance, design, painting, and drama) and their significance in the larger community.

4.5 Draw conclusions about the relationship and mutual influence between perspectives and expressive products (e.g., literature, periodicals, music, theater, and visual arts) in the target and native cultures.

4.6 Understand contrasting ways in which information about national and international events is reported in the target culture and the native culture.

4.7 Understand contrasting ways in which familial, economic, environmental, and political issues are reflected through oral, written, and artistic expression in the native and target cultures.

4.8 Understand how other cultures view the role of the native culture in the world arena.

4.9 Know significant political, military, intellectual, and cultural figures and how they have shaped historical events and the target culture's perspectives.

Español Avanzado I

9o.-12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Utiliza correctamente el sustantivo, el adverbio, la conjunción, el artículo, el pronombre, el adjetivo, la preposición y el verbo en la expresión oral.

1.2 Muestra riqueza léxica en la exposición oral.

1.3 Se expresa utilizando una estructura lógica y secuencial: introducción, desarrollo y conclusión.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Emplea las palabras con su correcta acentuación según sean agudas, graves, esdrújulas y sobreesdrújulas.

2.2 Aplica correctamente la tilde en casos especiales de acentuación: adverbios terminados en -mente, formas verbales con pronombres enclíticos, letras mayúsculas, palabras compuestas con guión.

2.3 Utiliza la tilde diacrítica.

2.4 Emplea correctamente la división de sílabas.

2.5 Aplica las reglas ortográficas en la producción textual.

2.6 Aplica la caligrafía correcta de la escritura.

2.7 Emplea con acierto los diferentes signos de puntuación.

2.8 Emplea correctamente las formas no personales del verbo.

2.9 Reconoce adverbios y locuciones adverbiales.

2.10 Usa las preposiciones de acuerdo con la normativa y el significado de las relaciones que establecen.

2.11 Emplea correctamente el sujeto (expreso o desinencial) en la estructura oracional.

2.12 Diferencia la oración unimembre y la bimembre.

- 2.13 Reconoce la estructura de la oración copulativa.
- 2.14 Reconoce la estructura de la oración predicativa.
- 2.15 Distingue los tipos de la oración predicativa.
- 2.16 Utiliza correctamente los complementos verbales.
- 2.17 Analiza la oración predicativa transitiva a partir de la función del complemento directo.
- 2.18 Reconoce la intención del emisor al construir una oración psicológica.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

- 3.1 Distingue las ideas fundamentales de las complementarias de las lecturas.
- 3.2 Analiza la información explícita del texto.
- 3.3 Interpreta el lenguaje connotativo.
- 3.4 Traduce expresiones respetando el sentido del texto.
- 3.5 Identifica las características predominantes de los diversos movimientos literarios.
- 3.6 Ubica la obra dentro de la modalidad literaria a la que pertenece: cuento, novela o leyenda.
- 3.7 Analiza tipos de narrador.
- 3.8 Reconoce la visión del mundo de los personajes (lo que dicen ser y lo que hacen, sus relaciones con los otros, los valores que refuerzan)
- 3.9 Diferencia entre estilos directo e indirecto.
- 3.10 Establece relaciones con el contexto sociocultural.
- 3.11 Interpreta la visión del mundo del hablante o yo lírico.
- 3.12 Reconoce aspectos de forma: métrica, rima y formas estróficas del verso.
- 3.13 Utiliza correctamente el sustantivo, el adverbio, la conjunción, el artículo, el pronombre, el adjetivo, la preposición y el verbo en la expresión escrita
- 3.14 Muestra riqueza léxica en la exposición escrita.
- 3.15 Identifica las figuras literarias: metáforas, símiles, prosopopeyas, hipérbolos, epítetos.
- 3.16 Reconoce las figuras de construcción: anáfora, reiteración, estribillo, hipérbaton, polisíndeton, encabalgamiento.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce las categorías constitutivas del ensayo.

4.2 Interpreta la visión del mundo del expositor.

4.3 Establece relaciones entre un ensayo determinado y su contexto sociocultural.

Español Avanzado II

9o. - 12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Distingue las palabras y frases incorrectas según el contexto entre las que son adecuadas.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Realiza trazos legibles.

2.1 Construye párrafos coherentes y significativos.

2.3 Enumera los cinco accidentes verbales.

2.4 Reconoce las particularidades de cada accidente verbal para conjugar diversos verbos.

2.5 Emplea el paradigma verbal.

2.6 Identifica cada una de las categorías del grupo nominal: sustantivo, adjetivo, artículo y pronombre.

2.7 Clasifica y subclasifica cada una de las categorías gramaticales del grupo nominal.

2.8 Establece la concordancia gramatical apropiada entre sujeto y verbo, y entre el género y número.

2.9 Identifica los tres procesos de formación de palabras en español: derivación, composición y onomatopeya.

2.10 Reconoce la función de los afijos en el proceso de formación de palabras (prefijos y sufijos).

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Cita e identifica las características de los diferentes géneros literarios tales como el teatro, cuento y novela.

3.2 Establece la diferencia entre comedia y tragedia mediante ejemplos tomados de las diferentes obras.

3.3 Identifica las diversas figuras literarias.

3.4 Delimita la estructura tanto de las obras narrativas como dramáticas.

3.5 Caracteriza y relaciona los personajes de las obras literarias.

3.6 Identifica las características del Realismo en la novela Don Quijote de la Mancha.

3.7 Clasifica las diferentes narraciones insertas del Quijote de la Mancha.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce el origen y la evolución del idioma español.

4.2 Realiza diversos tipos de análisis de las obras.

4.3 Identifica los elementos de la mitología griega que se presentan en las obras dramáticas.

4.4 Comprende la importancia histórica y universal de la lectura de la obra del Quijote de la Mancha.

4.5 Analiza los ámbitos sociales, económicos y culturales del mundo mostrado en las obras literarias.

Español Avanzado III

9o.-12o. grados

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

1.1 Identifica los registros del habla.

1.2 Interpreta y descifra el lenguaje connotativo.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

2.1 Reconoce y clasifica todos los tipos de oraciones simples.

2.2 Realiza análisis sintácticos completos en oraciones simples.

2.3 Construye adecuadamente oraciones simples.

2.4 Emplea las palabras con su correcta acentuación según sean agudas, graves, esdrújulas y sobreesdrújulas.

2.5 Aplica correctamente la tilde en casos especiales de acentuación: adverbios terminados en -mente o palabras con pronombres enclíticos.

2.6 Aplica las reglas ortográficas de los homófonos en la producción textual.

2.7 Reconoce y clasifica todos los diferentes tipos de oraciones compuestas.

2.8 Realiza análisis sintácticos completos en oraciones compuesta.

2.9 Emplea adecuadamente la oración compuesta de acuerdo con su función

2.10 Evita en la construcción de los párrafos los vicios de queísmo, dequeísmo y cosismo.

2.11 Emplea apropiadamente las combinaciones deber, deber de, si no, sino, por qué, porque y porqué, en la construcción de párrafos.

2.12 Selecciona correctamente la concordancia que se establezca entre el pronombre y su antecedente para evitar formas innecesarias y redundantes.

2.13 Establece la concordancia entre los elementos determinantes del grupo nominal y modificadores entre el verbo y el sujeto.

2.14 Identifica y utiliza adecuadamente sinónimos, antónimos y homófonos en la producción textual.

2.15 Aplica las reglas de redacción estudiadas en los textos coloquiales: recados y cartas familiares.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Cita e identifica las características de los diferentes géneros literarios tales como el teatro, cuento y novela.

3.2 Establece la diferencia entre comedia y tragedia mediante ejemplos tomados de las diferentes obras.

3.3 Identifica las diversas figuras literarias.

3.4 Delimita la estructura tanto de las obras narrativas como dramáticas.

- 3.5 Caracteriza y relaciona los personajes de las obras literarias.
- 3.6 Analiza los diferentes tipos de narrador (omnisciente, protagonista y testigo).
- 3.7 Analiza el manejo del tiempo (lineal o perturbado) en la organización secuencial de la historia narrada.
- 3.8 Determina en la organización secuencial de la historia dramática actos, escenas o cuadros.
- 3.9 Diferencia entre los estilos directos e indirectos.
- 3.10 Identifica las principales características del Realismo en "La hoja de aire", y "El reino de este mundo"
- 3.9 Distingue las principales características del Realismo Mágico en "Crónica de una muerte anunciada".

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

- 4.1 Establece relaciones entre los contextos social, cultural e histórico.
- 4.2 Distingue en el mundo mostrado los acontecimientos, espacios, personajes y su respectiva visión de mundo.
- 4.3 Analiza los ámbitos sociales, económicos y culturales del mundo mostrado en las obras literarias.

Español Avanzado IV

12o. grado

1. Usa el idioma en cuestión para entablar conversaciones, expresar sentimientos y emociones e intercambiar opiniones e información.

- 1.1 Extrae y discute las ideas principales de los ensayos.

2. Comprende e interpreta el idioma oral y escrito relacionado con diferentes tópicos utilizando diferentes medios de comunicación.

- 2.1 Define el género literario novela enfatizando la modalidad de novela fantástica.
- 2.2 Realiza análisis literarios orales y escritos de la novela.
- 2.3 Se expresa en forma escrita aplicando adecuada y oportunamente las técnicas de redacción.

2.4 Se expresa en forma escrita aplicando adecuada y oportunamente todas las reglas ortográficas y signos de puntuación.

2.5 Realiza análisis morfológicos globales e integrados en párrafos y oraciones.

2.6 Demuestra su conocimiento de las estructuras morfosintácticas del idioma redactando ejemplos de los diferentes tipos de oraciones.

2.7 Corrige los vicios del lenguaje de uso frecuente en el habla popular y en la escritura cotidiana.

2.8 Analiza sintácticamente párrafos completos o/y oraciones .

2.9 Clasifica y subclasifica cualquier tipo de oración simple o compuesta.

3. Presenta información, conceptos e ideas a una audiencia de oyentes o lectores sobre una variedad de tópicos.

3.1 Extrae y discute oralmente el mensaje de cada una de las obras literarias.

4. Comprende los diferentes componentes de la cultura en cuestión, tales como ideas tradicionales y perspectivas, instituciones, profesiones, expresiones artísticas y literarias.

4.1 Reconoce los valores morales, religiosos y sociales de las épocas representadas en las obras dramáticas .

4.2 Reconoce las características de la novela fantástica.

4.3 Realiza análisis literarios orales y escritos de la novela en mención.

4.4 Cita y reconoce en una obra determinada las características de género dramático.

4.5 Identifica las características de estilo de sus autores y temas desarrollados en cada una de las obras.

4.6 Aplica los conceptos literarios en lecturas, análisis e investigaciones de obras literarias contemporáneas escritas en español.

4.7 Define y caracteriza el género literario poético.

4.8 Determina en cada poesía analizada su rima, métrica y versificación.

4.9 Establece el grado de cohesión entre forma y contenido de cada poema.

4.10 Reconoce un ensayo por sus características.

4.11 Establece el carácter expositivo de los ensayos.

4.12 Determina las funciones ideológica, exortativa y didáctica del ensayo.

4.13 Reconoce en un ensayo en particular todas las características y funciones del género.