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English Language Arts

English 1

Topic: Argumentative Writing

Skill 1: Construct an argument with relevant evidence and interpret that evidence to support a contestable claim.

Topic: Informative Writing

Skill 2: Construct writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Narrative Writing

Skill 3: Construct a writing that uses a variety of literary techniques to tell a story.

Topic: Reading, Analyzing and Interpreting Texts

Skill 4: Determine a theme (fiction) or purpose (informational) of a text and analyze its development throughout the text.

Topic: Language: (Grammar, Mechanics and Vocabulary Sub-Categories)

Skill 5: Construct sentences that are varied, structurally sound, and appropriate in their use of capitalization, spelling and punctuation, while also using a sophisticated vocabulary.

English 2

Topic: Argumentative Writing

Skill 1: Construct an argument with relevant evidence and interpret that evidence to support a contestable claim.

Topic: Informative Writing

Skill 2: Construct writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Narrative Writing

Skill 3: Construct a writing that uses a variety of literary techniques to tell a story.

Topic: Reading, Analyzing and Interpreting Texts

Skill 4: Determine a theme (fiction) or purpose (informational) of a text and analyze its development throughout the text.

Topic: Speaking and Listening

Skill 5: Prepare and present a variety of well-organized speeches with a clear audience and purpose in mind.

Topic: Language: (Grammar, Mechanics and Vocabulary Sub-Categories)

Skill 6: Construct sentences that are varied, structurally sound and appropriate in their use of capitalization, spelling, punctuation, while also using sophisticated vocabulary.

English 3

Topic: Argumentative Writing

Skill 1: Construct an argument with relevant evidence and interpret that evidence to support a contestable claim.

Topic: Informative Writing

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Skill 2: Construct a writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Reading, Analyzing and Interpreting Texts

Skill 3: Construct writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Speaking and Listening

Skill 4: Prepare and present a variety of a well-organized speeches with a clear audience and purpose in mind.

Topic: Language (Grammar, Mechanics and Vocabulary Sub-Categories)

Skill 5: Construct sentences that are varied, structurally sound, and appropriate in their use of capitalization, spelling and punctuation, while also using sophisticated vocabulary.

AP Language and Composition

English Electives (Contemporary Thought, Modern Media, Voices of the World Culture)

Topic: Academic Writing

Skill 1: Construct an argument with relevant evidence and interpret that evidence to support a contestable claim.

Topic: Informal Writing

Skill 2: Construct a writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Reading, Analyzing and Interpreting Texts

Skill 3: Construct writing that uses the most relevant information to inform and enhance understanding of a subject.

Topic: Speaking and Listening

Skill 4: Prepare and present a variety of a well-organized speeches with a clear audience and purpose in mind.

Topic: Language: (Grammar, Mechanics and Vocabulary Sub-Categories)

Skill 5: Construct sentences that are varied, structurally sound, and appropriate in their use of capitalization, spelling and punctuation, while also using sophisticated vocabulary.

Journalism

Topic: Reading for Informational Understanding and Critical Analysis

Skill 1: From nonfiction media sources, students will extract relevant information and combine this information with prior knowledge. They will develop a critical stance on the accuracy, relevance, and quality of a text.

Topic: Informative Writing

Skill 2: Students can construct informative news writing that uses the most relevant information to inform and enhance understanding of a subject following the journalistic writing style.

Topic: Range and Versatility in Writing and Language

Skill 3: Students can construct sentences that follow a journalistic style. The sentences are varied, structurally sound, and appropriate in their use of capitalization, spelling and punctuation, while also using a sophisticated vocabulary.

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Topic: Argumentative Writing

Skill 4: In the writing of editorials for publication in the school paper, students will construct an argument with relevant evidence and interpret that evidence to support a contestable claim.

Topic: Collaboration and Reflection

Skill 5: The students conduct self assessment using their published works in The Torch and on the Olympia website. The students assess their work producing the school paper as a group and develop goals to achieve during the next production cycle.

Academic Literacy Strategies

Topic: Introspection, Self Awareness, and Learning Styles

Skill 1: Develop self awareness and self management skills to achieve school and life success.

Topic: Perspectives, Social Awareness, & Interpersonal Skills

Skill 2: Use social awareness and interpersonal skills to establish and maintain positive relationships.

Topic: Decision making, Organization, and Personal Responsibility

Skill 3: Demonstrate decision making skills and responsible behaviors in personal and community contacts.

Topic: Utilizing Mathematical Language to Solve Problems

Skill 4: Use the four operations with whole numbers to solve problems.

Topic: Reading Multiple Texts for Information

Skill 5: Read closely to determine what the text says explicitly and make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

Topic: The Production, Distribution and Range of Writing

Skill 6: Produce clear and coherent writing in which development, organization, and style are appropriate to task, purpose, and audience.

Foreign Languages

German

Topic: Listening

Skill 1: Listening

Topic: Reading

Skill 2: Reading

Topic: Interpersonal

Skill 3: Presentational

Topic: Speaking

Skill 4A: Interpersonal

Skill 4B: Presentational

Topic: Language

Skill 5A: Grammar

Skill 5B: Vocabulary

Spanish

Topic: Listening

Skill 1: Listening

Topic: Reading

Skill 2: Reading

Topic: Interpersonal

Skill 3: Presentational

Topic: Speaking

Skill 4A: Interpersonal

Skill 4B: Presentational

Topic: Language

Skill 5A: Grammar

Skill 5B: Vocabulary

Social Studies

Human Geography

Topic: Geography

Skill 1: Use and interpret maps.

Topic: Population

Skill 2: Describe and analyze population trends.

Topic: Cultural Patterns

Skill 3: Identify cultural patterns and process and apply them locally.

Topic: Political Organization of Space

Skill 4: Identify and provide examples of different political units.

Topic: Land Use

Skill 5: Explain the characteristics of agriculture and land use around the world.

Topic: Development

Skill 6: Describe the models of economic development as they apply to various regions

Topic: Urban Patterns

Skill 7: Explain how services and people are distributed in urban areas.

World History

Topic: Foundations of Civilization

Skill 1: Evaluate how historical developments were shaped by time and place as well as by broader historical themes.

Topic: Impact of Revolution and Change

Skill 2: Analyze change and continuity within and across historical eras and how people and institutions have reacted to those changes.

Topic: Perspectives

Skill 3: Analyze influences on people's perspectives during different historical eras with an emphasis on historically underrepresented groups.

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Topic: Understanding Conflict

Skill 4: Analyze the causes and effects of global conflicts and crises with consideration of the forces that have influenced the conflicts.

Topic: Writing Arguments

Skill 5: Write arguments to support claims, in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

Topic: Using Evidence

Skill 6: Identify evidence that draws from information from multiple sources to revise or strengthen claim as well as construct and evaluate explanations and arguments using multiple sources and relevant, verified information.

American Studies

Topic: Foundation of American Society

Skill 1: Evaluate the methods utilized by people and institutions to promote change.

Topic: Pursuing the American Dream

Skill 2: Analyze the concept of the pursuit of the American Dream.

Topic: America on the World Stage

Skill 3: Analyze multiple and complex causes and effects of events in the past relating to America's involvement in world affairs.

Topic: Reforming American Society

Skill 4: Identify the role of individuals, groups, and institutions in the struggle to reform American society.

Topic: Writing Arguments

Skill 5: Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

Topic: Using Evidence

Skill 6: Analyze the relationship between historical sources and the secondary interpretations made from them, then construct and evaluate explanations and arguments using multiple sources and relevant, verified information.

Civics

Topic: Foundation of America

Skill 1: Describe the concepts and principles inherent to American Constitutional Democracy.

Topic: The Constitutional Government

Skill 2: Explain how the US Constitution established a system of government that has powers responsibilities and limits which promote the common good and protect our rights.

Topic: Civil Protections

Skill 3: Analyze the impact of the Constitution and laws on the maintenance of order, justice, and equality

Topic: The Political Process

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Skill 4A: Describe how political parties, the media and special interest groups both influence and reflect social and political interests.

Skill 4B: Evaluate the opportunities and limitations of participation in elections, voting, and electoral process.

Topic: Civic Engagement

Skill 5A: Distinguish the rights, roles, powers, and responsibilities of individuals and institutions in the political system.

Skill 5B: Analyze how individuals use and challenge laws to address a variety of public issues.

Topic: Literacy and Inquiry

Skill 6A: Gather and evaluate information from multiple sources

Skill 6B: Construct and evaluate explanations using multiple sources and relevant information.

Contemporary History

Topic: 1950's - 1960's - Revolt and Revolution

Skill 1: Evaluate how historical developments were shaped by time and place as well as broader historical contexts.

Topic: 1970's - Change and Reaction

Skill 2: Analyze how people and institutions have reacted to the environment, scientific, and technological changes.

Topic: 1980's New Challenges

Skill 3: Analyze multiple and complex causes and effects of events in the past.

Topic: 1990's - Redefining America

Skill 4: Analyze change and continuity across the decade.

Topic: 2000's Conflicts and Crises

Skill 5: Analyze the causes and effects of global conflicts and economic crises

Topic: Developing Questions and Planning Inquiries

Skill 6: Address essential questions that reflect an enduring issue in the field and then develop new supporting and essential questions through investigations, collaboration, and using diverse sources.

Topic: Communicating Conclusions

Skill 7: Construct and evaluate explanations and arguments using multiple sources and relevant, verified information

Sociology

Topic: Social Perspectives

Skill 1: Identify and apply the sociological perspective and a variety of sociological theories.

Topic: Social Structure

Skill 2: Analyze the impact of culture on social structure

Topic: Social Institutions

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Skill 3: Discuss the functions and conflicts of major social institutions within a society.

Topic: Socialization

Skill 4: Explain how primary agents of socialization influence the individual.

Topic: Social Identity & Interactions

Skill 5: Explain the social construction of self, and groups, and their impact on the life of chances of the individual

Topic: Social Institutions

Skill 6: Analyze the impact of stratification and inequality on groups and the individual within them.

AP United States History

Topic: Colonial History

Skill 1: Students will be able to recognize, analyze, and evaluate the dynamics of historical continuity and change over periods of time of varying length, as well as the ability to relate these patterns to larger historical processes or themes.

Topic: Migration and Settlement

Skill 2: Students will be able explain defining characteristics of this time period and/or characteristics that go against common conceptions or perceptions of that period.

Topic: Politics and Power

Skill 3: Students will be able to describe, select, and evaluate relevant evidence about the past from diverse sources and draw conclusions about their relevance to different historical issues.

Topic: American Landscape

Skill 4: Students will be able to identify, analyze, and evaluate the relationships among historical causes and effects, distinguishing between those that are long-term and proximate.

Topic: American and National Identity

Skill 5: Students will be able to make meaningful and persuasive historical connections between a given historical issue and other historical contexts.

Topic: Gilded Age

Skill 6: Students will be able to identify, compare, and evaluate multiple perspectives on a given historical event in order to draw conclusions about that event.

Topic: America in the World

Skill 7: Students will be able to create an argument and support it using relevant historical evidence.

Topic: Culture and Society

Skill 8: Students will be able to connect historical events and processes to specific circumstances of time and place.

Topic: New Challenges

Skill 9: Students will be able to describe, analyze, and evaluate the different ways historians interpret the past.

AP Human Geography

Topic: Geography

Skill 1: Interpret maps and analyze geospatial data.

Topic: Population

Skill 2: Recognize and interpret the relationship among population patterns and explain their implications.

Topic: Cultural Patterns

Skill 3: Understand the associations and networks among cultural phenomena in particular places and explain their implications.

Topic: Political Organization of Space

Skill 4: Define regions and evaluate the regionalization process while discussion struggles over political power & control of territory.

Topic: Land Use

Skill 5: Explain why location matters to agricultural land use & the role of climate change & environmental abuses in shaping the human landscapes on Earth.

Topic: Development

Skill 6: Describe the problems of economic development & the impacts of technological innovation & industrialization on human life

Topic: Urban Patterns

Skill 7: Explain how services and people are distributed in urban areas, focusing on spatial inequality

Science

Physical Science

Topic: Matter and Energy in Chemical Reactions

Skill 1: Use cross-cutting concepts and scientific and engineering practices to describe the role of matter and energy in chemical reactions.

Topic: Cause and Effect in Forces and Motion

Skill 2: Use cross-cutting concepts and scientific and engineering practices to describe cause and effect in forces and motion.

Topic: Conservation of Matter and Energy

Skill 3: Explain what the law of conservation of mass or principle of mass conservation it means as related to matter and energy

Topic: Transfer of Matter and Energy through Waves

Skill 4: Determine how the transfer of matter and energy occurs through waves.

Topic: Stability and Change in Earth's Systems

Skill 5: Explain the impact of the Earth's systems in terms of change and stability.

Biology

Topic: Matter and Energy in the Universe

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Skill 1: Use cross-cutting concepts and scientific and engineering practices to describe the role of matter and energy in the universe.

Topic: Matter and Energy in Organisms

Skill 2: Use cross-cutting concepts and scientific and engineering practices to recognize the role matter and energy play with organisms.

Topic: Matter and Energy in Ecosystems

Skill 3: Use cross-cutting concepts and scientific engineering practices to describe matter and energy in ecosystems.

Topic: Structure and Function of Multicellular Organisms

Skill 4: Use cross-cutting concepts and scientific and engineering practices to explain the structure and functions of multi-cellular organisms.

Topic: Patterns in Reproduction and Inheritance

Skill 5: Use cross-cutting concepts and scientific and engineering practices to discuss the patterns in reproduction and inheritance.

Chemistry

Topic: Structure and Function of Matter

Skill 1: Use cross-cutting concepts and scientific and engineering practices to describe structure and function of matter.

Topic: Patterns in Chemical Interactions

Skill 2: Use cross-cutting concepts and scientific and engineering practices to explore patterns in chemical interactions.

Topic: Quantities in Chemical Interactions

Skill 3: Use cross-cutting concepts and scientific engineering practices to recognize the quantities in chemical interactions.

Topic: Patterns of Energy

Skill 4: Use cross-cutting concepts and scientific and engineering practices to explain the patterns in energy.

Topic: Stability and Change in Waves and Radiation

Skill 5: Use cross-cutting concepts and scientific and engineering practices to recognize stability and change in waves and radiation.

Physics

Topic: Motion of Matter

Skill 1: Use mathematical to explain the motion of matter.

Topic: Cause and Effect of Forces and their Interactions

Skill 2: Investigate to determine the cause and effect relationship between forces.

Topic: Transfer and Energy

Skill 3: Construct an explanation on evidence how energy is transferred.

Topic: Waves and Electromagnetic Radiation

Skill 4: Analyze transfer of energy and matter through waves.

Topic: Structure and Properties of Matter

Skill 5: Develop and use models of matter.

Engineering Design

Topic: Research

Skill 1: Use appropriate research methods and skills.

Topic: Solution Oriented

Skill 2: Employ appropriate and feasible solutions.

Topic: Prototypes

Skill 3: Create appropriate prototypes and appropriately test these.

Topic: Construction

Skill 4: Use construction skills in order to create an appropriate project.

Topic: Communication

Skill 5: Use appropriate communication skills to share findings

BSAA

Topic: Feeding the World Human Population

Skill 1: Design solutions to feed the world's human population.

Topic: Human Impact

Skill 2: Design solutions to minimize the effect of humans on the environment.

Topic: Natural Resources

Skill 3: Manage natural resources for stability.

Topic: Evolutionary Patterns

Skill 4: Analyze evolutionary patterns of change.

Topic: Living Systems

Skill 5: Recognize the structure and stability in living systems.

Environmental Science

Topic: Earth's Place in the Universe

Skill 1: Use cross-cutting concepts and scientific and engineering practices to describe the role of earth's place in the universe

Topic: Earth's Systems

Skill 2: Use cross-cutting concepts and scientific and engineering practices to recognize the role of Earth's systems.

Topic: Earth and Human Activity

Skill 3: Use cross-cutting concepts and scientific engineering practices to analyze the role of earth and human activity

Topic: Ecosystems: Interactions, Energy, and Dynamics

Skill 4: Use cross-cutting concepts and scientific and engineering practices to explain ecosystems

Topic: Biological Evolution: Unity and Diversity

Skill 5: Use cross-cutting concepts and scientific and engineering practices to discuss unity and diversity of biological evolution.

AP Environmental Science

AP Chemistry

Advanced Biology

Topic: Relationships in the Environment

Skill 1: Determine cause and effect relationships in the environment.

Topic: Effects of humans on the Environment

Skill 2: Design solutions to minimize the effect of humans on the environment.

Topic: Evolution

Skill 3: Explain how evolution drives change.

Topic: Systems

Skill 4: Explain how systems carry out the essential functions of life.

Topic: Feedback Mechanisms

Skill 5: Model how feedback mechanisms maintain stability.

AP Biology

Research and Design

Math

Algebra 1

Topic: Foundations

Skill 1: Perform operations with rational numbers.

Topic: Solve Linear Equations

Skill 2: Solve Linear Equations.

Topic: Graph Linear Equations

Skill 3: Graph and interpret linear equations

Topic: Write and Compare Linear Equations

Skill 4: Write and compare linear equations

Topic: Graph and Interpret Linear Inequalities

Skill 5: Solve inequalities using basic operations

Algebra 2

Topic: Skill Integration

Skill 1: Perform operations with rational numbers.

Topic: Systems

Skill 2: Solve systems of equations and inequalities.

Topic: Monomials and Polynomials

Skill 3: Perform operations with monomials and polynomials.

Topic: Quadratic Equations

Skill 4: Solve quadratic equations.

Topic: Graph and Interpret Radical Equations

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Skill 5: Simplify and solve radical equations.

Geometry

Topic: Skill Integration

Skill 1: I can demonstrate mastery retention for skills necessary for this course.

Topic: Essentials of Geometry

Skill 2: Describe measure and understand equality and congruence of geometric figures.

Topic: Parallel and Perpendicular Lines

Skill 3: Use properties of parallel and perpendicular lines

Topic: Transformations: Translations, Rotations, Reflections

Skill 4: Recognize the geometric principles of transformation specifically translations, rotations, and reflections

Topic: Triangles

Skill 5: Prove triangles are congruent.

Topic: Similarity and Transformations

Skill 6: Apply ratios and proportions to similar figures.

Topic: Right Triangles

Skill 7: Compute various mathematical configurations to right triangles.

Topic: Polygons

Skill 8: Use characteristics of polygons to calculate area and polygons, surface area, and volume polyhedra.

Topic: Circles

Skill 9: Apply properties of circles.

Intermediate Algebra

Topic: Foundations

Skill 1: Perform operations with rational numbers.

Topic: Multi-step Equations

Skill 2: Solve multi-step equations.

Topic: Linear Inequalities

Skill 3: Solve linear inequalities.

Topic: Graphing

Skill 4: Graph linear functions and inequalities.

Topic: Solving Quadratic Equations

Skill 5: Employ correct methods factoring, graphing, and quadratic formula.

Topic: Trigonometry and Right Angles

Skill 6: Use trigonometric functions and right angle functions to solve problems.

College Algebra/Trigonometry

Topic: Equations and Inequalities

Skill 1: Create and solve linear equations and inequalities in the real number system.

Topic: Functions and Inequalities

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Skill 2: Graph, write and solve functions and inequalities

Topic: Systems of Linear Equations and Inequalities

Skill 3: Solve systems of linear equations and inequalities using a variety of methods.

Topic: Quadratic Functions

Skill 4: Solve, graph, and apply quadratic functions to re-world situations.

Topic: Polynomials and Polynomial Functions

Skill 5: Graph, solve, and analyze polynomial functions.

Topic: Probability

Skill 6: Use permutations and combinations to solve real world reasoning problems.

College Algebra/Trigonometry 2

Topic: Powers, Roots & Radicals

Skill 1: Use properties of exponents to simplify and solve equation with radical or rational exponents.

Topic: Exponential and Logarithmic Functions

Skill 2: Evaluate, simplify, solve and graph exponential and logarithmic functions.

Topic: Rational Equations and Functions

Skill 3: Graph, simplify, and solve rational expressions, equations, and functions.

Topic: Trigonometric Ratios and Functions

Skill 4: Define radians and convert between radians/degrees, use right triangle and unit circle trigonometry to evaluate and define the trigonometric functions of angles, and apply this to real world problems.

Topic: Graphing Trigonometric Functions

Skill 5: Define and use the fundamental trigonometric identities to evaluate, simplify and factor trigonometric expressions and will prove trigonometric identities.

Topic: Quadratic Relations and Conic Section

Skill 6: Write equations and draw graphs of the four conic sections (parabolas, circles, ellipses and hyperbolas) and apply them to real life.

Pre-Calculus

Topic: Matrix Operations

Skill 1: Understand and be able to create and apply matrix operations in various ways.

Topic: Sequences and Series

Skill 2: Understand and be able to differentiate between sequences and series and when both are appropriate methods for solving problems.

Topic: Polar Coordinates

Skill 3: Create basic polar graphs and be represent coordinates in both rectangle and polar coordinates.

Topic: Functions

Skill 4: Recall and apply basic operations with functions. Graphing, solving, and applying.

Topic: Limits

Skill 5: Understand formal definition of a limit and how to apply

Topic: Derivatives

Skill 6: Understand derivative as a rate of change.

AP Calculus

Probability and Statistics

Computers

Personalized Career Skills

Topic: Career Acquisition

Skill 1: I can research to find specific skills and complete career acquisition documents

Topic: Microsoft Office

Skill 2: I can appropriately and effectively use Microsoft Office.

Topic: Google Applications

Skill 3: I can use Google applications for individual and collaborative use.

Topic: Professional Communication

Skill 4: I can gain proper work ethic and skills.

Topic: Entrepreneurship Skills

Skill 5: I can find my passion and hobby through entrepreneurial skills.

Computer Technology and Programming

Topic: Photoshop

Skill 1: Demonstrate the ability to utilize Photoshop for various purposes.

Topic: Coding

Skill 2: Recognize the various ways that coding can be utilized in daily tasks.

Topic: Illustrator

Skill 3: Recognize the various multimedia projects that can be accomplished using technology

Topic: Client Interactions

Skill 4: Interact with clients in an appropriate and effective manner.

Topic: Marketing

Skill 5: Market my business to different audiences.

Topic: Audacity

Skill 6: Understand how and when to use Audacity.

Topic: Video Editing

Skill 7: can shoot appropriate footage, edit, and use effects/graphics to enhance my video.

AP Computer Science Principles

Business

Accounting

Topic: Journalize Transactions

Skill 1: I can journalize transactions.

Topic: Post Transactions

Skill 2: I can post transactions.

Topic: Cash Control Systems

Skill 3: I can use cash control systems.

Topic: Worksheets

Skill 4: I can create a worksheet.

Topic: Financial Statements

Skill 5: I can prepare financial statements.

Topic: Adjusting and Closing Entries

Skill 6: I can record adjusting and closing entries.

Topic: Payroll Records

Skill 7: I can prepare payroll records.

Internship

Topic: Time Management

Skill 1: Intern is punctual and manages time while at work well. Plans accordingly to ensure tasks are completed on time or in advance of deadline.

Topic: Personal Responsibility

Skill 2: Exhibits enthusiasm and a good attitude. Maintains work appropriate attire. Utilizes initiative; seeks out answers to questions and solutions to problems. Able to effectively work independently.

Topic: Interpersonal Skills

Skill 3: Exhibits enthusiasm and a good attitude. Maintains work appropriate attire. Utilizes initiative; seeks out answers to questions and solutions to problems. Able to effectively work independently.

Topic: Teamwork

Skill 4: Accepts constructive criticism in stride and works to make improvement accordingly. Works well with other employees on projects and assignments. Volunteers for tasks.

Topic: Problem Solving Skills

Skill 5: Makes appropriate decisions when needed; offers suggestions for improving process or work.

Topic: Reliability

Skill 6: Stays on task with assigned work; does not stray from assignments. Tasks are completed in a timely fashion without need for revision or correction. Assignments are completed on or before deadline. Follows and remembers instructions

Topic: Communication

Skill 7: Communicates effectively with coworkers and supervisor. Written communication is grammatically correct and error free. Oral communication is succinct and cohesive.

Topic: Initiative

Skill 8: Seeks out additional work once assignments are completed. Provides relevant information before being asked. Fills downtime with work-related activities.

Consumer Education

Personal Finance

Topic: Career Research

Skill 1: Use research skills to find specific careers and complete career acquisition documents.

Topic: Tax Systems

Skill 2: Create tax-related forms.

Topic: Budgeting

Skill 3: Apply reliable information and systematic decision making to personal financial decisions.

Topic: Banking and Credit

Skill 4: Integrate knowledge, skills, and practices required for management of resources in technologically expanding global economy.

Topic: Basic Needs

Skill 5: Use financial knowledge and skills to make decisions about basic needs (housing, transportation, etc.)

Topic: Risk Management

Skill 6: Demonstrate knowledge and apply basic risk management principles.

Topic: Professional Communication Skills

Skill 7: Prepare and present professional presentations.

Family and Consumer Science

Exploration of Family and Consumer Science

Topic: Development of Self

Skill 1: Recognize how to set goals and better oneself utilizing basic skills.

Topic: Childcare

Skill 2: Apply appropriate methods to understand the proper way to care for children.

Topic: Interior Design

Skill 3: Recognize the important elements of interior design and apply these principles.

Topic: Textiles and Design

Skill 4: Design and create a textile project.

Topic: Foods and Nutrition

Skill 5: Apply food preparation skills.

Foods and Nutrition I

Topic: Cultural Acceptance

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Skill 1: Identify, demonstrate, compare and contrast various food cultures.

Topic: Nutrition

Skill 2: Identify the source and function of main nutrients and interpret food labels.

Topic: Kitchen Essentials

Skill 3: Read a recipe and plan, prepare, and collaboratively work with others.

Topic: Culinary Techniques

Skill 4: Demonstrate how to measure a variety of ingredients and adjust a recipe yield.

Topic: Sanitation

Skill 5: Demonstrate health and hygiene for food handling

Topic: Safety

Skill 6: Demonstrate the ability to select, safely use, and maintain food preparation equipment to prevent injury.

Topic: Time Management

Skill 7: Contribute effectively in order to produce a product.

Foods and Nutrition II

Industrial Technology

Energy and Transportation Technology

Topic: Research

Skill 1: Use appropriate research methods and skills.

Topic: Solution Oriented

Skill 2: Employ appropriate and feasible solutions.

Topic: Prototypes

Skill 3: Create appropriate prototypes and appropriately test these.

Topic: Construction

Skill 4: Use construction skills in order to create an appropriate project.

Topic: Communication

Skill 5: Use appropriate communication skills to share findings.

Production Technology

Topic: Health, Safety, and Care of Supplies and Equipment

Skill 1: Demonstrate appropriate use and knowledge of materials, tools, and supplies.

Topic: Mathematical Computation

Skill 2: Apply appropriate methods to measure using a steel ruler and tape measure.

Topic: Planning/Drafting

Skill 3: Recognize the importance of planning and procedures necessary for construction.

Topic: Project

Skill 4: Design and create a project.

Topic: Production Mindset

Skill 5: Understand the on the job mindset that this career and technical related course requires.

Agriculture

Introduction to the Agricultural Industry/Basic Agricultural Science

Topic: Agriculture Literacy

Skill 1: Communicate about a variety of agriculture topics.

Topic: SAE/Record Keeping

Skill 6: Analyze and interpret data and/or business problems.

Topic: Public Speaking

Skill 1: Utilize poise, confidence, and strong delivery skills in order to speak in front of a group of people.

Topic: Animal Science

Skill 2: Identify the anatomy for a variety of species as well as the advantages/disadvantages to the various breeds of animals.

Topic: Plant Science

Skill 3: Identify common crops and weeds as well and explain cultural practices related to plant science.

Topic: Ag Mechanics

Skill 4: Model basic arc welding skills

Agricultural Mechanization and Technology (not offered this year)

Agricultural Leadership/ Agricultural Business Management

Topic: Agriculture Literacy

Skill 1: Communicate about a variety of agriculture topics.

Topic: SAE/Record Keeping

Skill 2: Analyze and interpret data and/or business problems.

Topic: Public Speaking

Skill 3: Utilize poise, confidence, and strong delivery skills in order to speak in front of a group of people.

Topic: Technical Skills

Skill 4: Identify the skills a leader needs to perform specialized tasks within the organization.

Topic: Human Skills

Skill 5: Identify the skills a leader needs to work well with other people.

Topic: Conceptual Skills

Skill 6: Identify and relate to a leader's ability to think in the abstract.

BSAA

Topic: Feeding the World Human Population

2018 - 19 Skills Language for Skyward

Skill 1: Design solutions to feed the world's human population.

Topic: Human Impact

Skill 2: Design solutions to minimize the effect of humans on the environment.

Topic: Natural Resources

Skill 3: Manage natural resources for stability.

Topic: Evolutionary Patterns

Skill 4: Analyze evolutionary patterns of change.

Topic: Living Systems

Skill 5: Recognize the structure and stability in living systems.

Art

Art I

Topic: Elements and Principles

Skill 1: Know and apply elements of art and principles of design in a variety of media

Topic: Art as a Form of Communication.

Skill 2: Interpret and create works of art that express a personal experience, message, view, or theme.

Topic: Art Throughout History and Cultures

Skill 3: Analyze and apply knowledge of art throughout history and cultures to artifacts and one's own work.

Topic: Developing Creativity and Innovative Thinking

Skill 4: Research, plan, develop, and refine ideas and directions for creating works of art.

Topic: Constructive Criticism

Skill 5: Engage in constructive critique.

Topic: Preparing and Presenting Works of Art

Skill 6: Apply appropriate methods to prepare and present artwork.

Topic: Art Making Process

Skill 7: Apply and experiment with various processes and techniques with a variety of media.

Topic: Health, Safety, and Care of Supplies and Equipment

Skill 8: Demonstrate appropriate use of knowledge of materials, tools, and supplies.

2D Art

Topic: Elements and Principles

Skill 1: Know and apply elements of art and principles of design in a variety of media

Topic: Art as a Form of Communication.

Skill 2: Interpret and create works of art that express a personal experience, message, view, or theme.

Topic: Art Throughout History and Cultures

Skill 3: Analyze and apply knowledge of art throughout history and cultures to artifacts and one's own work.

Topic: Developing Creativity and Innovative Thinking

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Skill 4: Research, plan, develop, and refine ideas and directions for creating works of art.

Topic: Constructive Criticism

Skill 5: Engage in constructive critique.

Topic: Preparing and Presenting Works of Art

Skill 6: Apply appropriate methods to prepare and present artwork.

Topic: Art Making Process

Skill 7: Apply and experiment with various processes and techniques with a variety of media.

Topic: Health, Safety, and Care of Supplies and Equipment

Skill 8: Demonstrate appropriate use of knowledge of materials, tools, and supplies.

Photography and Graphic Design

Topic: Elements and Principles

Skill 1: Know and apply elements of art and principles of design in a variety of media

Topic: Art as a Form of Communication.

Skill 2: Interpret and create works of art that express a personal experience, message, view, or theme.

Topic: Art Throughout History and Cultures

Skill 3: Analyze and apply knowledge of art throughout history and cultures to artifacts and one's own work.

Topic: Developing Creativity and Innovative Thinking

Skill 4: Research, plan, develop, and refine ideas and directions for creating works of art.

Topic: Constructive Criticism

Skill 5: Engage in constructive critique.

Topic: Preparing and Presenting Works of Art

Skill 6: Apply appropriate methods to prepare and present artwork.

Topic: Art Making Process

Skill 7: Apply and experiment with various processes and techniques with a variety of media.

Topic: Health, Safety, and Care of Supplies and Equipment

Skill 8: Demonstrate appropriate use of knowledge of materials, tools, and supplies.

Music

Chorus

Topic: Vocal Pedagogy

Skill 1: Demonstrate an understanding of singing techniques (posture, breathing, tone production, vowel formation, resonance, articulation)

Topic: Rhythm

Skill 2: Demonstrate of understanding of the rhythmic domain of music.

Topic: Melodic

Skill 3: Demonstrate an understanding of the melodic domain of music.

Topic: Vocabulary

Skill 4: Demonstrate an understanding of musical terminology (style, articulation, pronunciation)

Topic: Critique

Skill 5: Analyze a musical performance of areas of strengths, weaknesses, and growth opportunities.

Band

Topic: Instructional Technique

Skill 1: Demonstrate proper use of techniques including tone quality, air support, finger/hand/stick technique

Topic: Rhythm

Skill 2: Analyze and apply rhythmic concepts in performances in written contexts.

Topic: Expressive Elements

Skill 3: Demonstrate appropriate use of expressive elements including dynamics and articulations.

Topic: Vocabulary

Skill 4: Demonstrate an understanding of musical terminology.

Topic: Critique/Self Reflection

Skill 5: Reflect on the performance of self or others and develop suggestions for future improvement.

Physical Education

Physical Education

Topic: Lifelong Fitness

Skill 1: Develop and appreciate a plan for lifelong fitness.

Topic: Self-Officiate

Skill 2: Participate in a team, collaborate with others, and use social skills with each other.

Topic: Responsibility/Self-Advocacy

Skill 3: Be responsible and advocate for self by wearing the appropriate attire and completing make-up work as necessary.

Topic: Skill Development

Skill 4: Understand skills and techniques of each activity

Driver Education

Driver Education

Topic: Rules of the Road

Skill 1: Recognize the basic rules of driving a motorized vehicle.

Topic: Car information and Maintenance

Skill 2: Describe important car parts and functions and execute basic car maintenance techniques.

Topic: Driving and Decision Making

Skill 3: Promote and enhance safe driving techniques.

Health

Health and Wellness

Topic: Lifelong Fitness

Skill 1: Develop and appreciate a plan for lifelong fitness.

Topic: Self Officiate

Skill 2: Participate in a team, collaborate with others, and use social skills with each other.

Topic: Skill Development

Skill 3: Understand skills and techniques of each activity.

Topic: Responsibility/Self-Advocacy

Skill 4: Be responsible and advocate for self by wearing the appropriate attire and completing make-up work as necessary.

Topic: Health Promotion, Prevention and Treatment

Skill 5: Understand principles of health promotion and the prevention and treatment of illness and injury.

Topic: Human Body Systems

Skill 6: Understand the human body systems and factors that influence growth and development.

Topic: Communication and Decision Making

Skill 7: Communication and Decision Making