

Texas CCRS Alignment by College 1st CAMP Theme

College 1st CAMP curricula integrate academic knowledge, applied learning, career exploration, collaborative problem-solving, and college-readiness skills aligned with the Texas College and Career Readiness Standards (CCRS).

The standards identified under each CAMP theme represent CCRS knowledge and skills that are naturally reinforced through the CAMP's hands-on activities, academic content, challenges, discussions, and student deliverables.

* Standards identified with an asterisk represent additional CCRS that can be intentionally incorporated when requested.

1. Space Exploration CAMP

Galaxies, black holes, lunar mission planning, moon rover engineering, and rocket build-and-launch.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE I. D. Current Scientific Technology
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. F. Scientific Measurement
- SCIENCE III. C. Presentation of Scientific/Technical Information
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. C. History of Science
- SCIENCE V. B. Energy
- SCIENCE V. E. Measurements and Models
- SCIENCE VIII. A. Matter (gravitational force and weight)
- SCIENCE VIII. B. Vectors
- SCIENCE VIII. C. Forces and Motion
- SCIENCE VIII. D. Mechanical Energy
- SCIENCE VIII. E. Rotating Systems
- SCIENCE VIII. F. Fluids
- SCIENCE VIII. J. Optics
- SCIENCE IX. B. Sun, Earth, and Moon System

- SCIENCE IX. C. Solar System
- SCIENCE IX. D. Origin and Structure of the Universe

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. A. Formulate Topic and Questions
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- MATH I. C. Systems of Measurement
- *MATH VI. C. Model Real-World Situations with Functions
- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. C. Research Across the Curriculum

2. Health Professions CAMP

Careers in medicine, nursing, and physical therapy through clinical simulations; the path to medical school.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE I. D. Current Scientific Technology
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE II. F. Scientific Measurement
- SCIENCE III. B. Scientific Reading
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics
- SCIENCE VI. A. Structure and Function of Cells
- SCIENCE VI. B. Biochemistry
- SCIENCE VI. D. Molecular Genetics and Heredity

- SCIENCE VI. F. Systems and Homeostasis
- SCIENCE VII. J. Basic Structure and Function of Biological Molecules
- SCIENCE VIII. E. Rotating Systems (torque and joints in physical therapy)

ELA

- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts

MATH

- MATH I. C. Systems of Measurement
- MATH VII. D. Real-World Problem Solving

SOCIAL STUDIES

- *SOCIAL STUDIES II. B. Factors That Influence Personal and Group Identities

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. D. Academic Behaviors
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY I. F. Academic Integrity

3. Architecture & Civil Engineering CAMP

Model bridge building, sustainable 3D floor plans, structural design, and the real estate industry.

MATH

- MATH I. A. Number Representations and Operations
- MATH I. B. Number Sense and Number Concepts
- MATH I. C. Systems of Measurement
- MATH II. A. Identifying Expressions and Equations
- MATH III. A. Figures and Their Properties
- MATH III. B. Transformations and Symmetry
- MATH III. C. Connections Between Geometry and Other Mathematical Content Strands
- MATH III. D. Measurements Involving Geometry and Algebra
- MATH VII. A. Mathematical Problem Solving
- MATH VII. B. Proportional Reasoning (scale drawings and models)
- MATH VII. C. Logical Reasoning
- MATH VII. D. Real-World Problem Solving
- MATH VIII. C. Presentation and Representation of Mathematical Work

- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA V. C. Design and Produce an Effective Product

SCIENCE

- *SCIENCE II. C. Understand Relationships Among Geometry, Algebra, and Trigonometry
- *SCIENCE VIII. B. Vectors
- SCIENCE VIII. C. Forces and Motion
- *SCIENCE VIII. E. Rotating Systems (torque and static equilibrium)
- SCIENCE X. E. Human Practices and Their Impacts (land use)

SOCIAL STUDIES

- *SOCIAL STUDIES I. A. Spatial Analysis of Physical and Cultural Processes
- *SOCIAL STUDIES I. D. Change and Continuity of Economic Systems and Processes

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. D. Academic Behaviors (accuracy and precision)
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. E. Technology

4. Environmental & Electrical Engineering CAMP

Renewable energy, climate change, air pollution, ocean plastic, habitat loss, eco-friendly inventions, and a wind turbine electricity competition.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE I. D. Current Scientific Technology
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. F. Scientific Measurement
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics

- SCIENCE V. B. Energy (thermodynamics, kinetic, potential, energy transfers)
- SCIENCE V. C. Change Over Time/Equilibrium
- SCIENCE VI. G. Ecology
- SCIENCE VIII. D. Mechanical Energy
- SCIENCE VIII. E. Rotating Systems
- SCIENCE VIII. F. Fluids
- SCIENCE VIII. I. Electromagnetism
- SCIENCE IX. F. Energy Transfer Within and Among Systems
- SCIENCE X. A. Earth Systems
- SCIENCE X. B. Energy
- SCIENCE X. C. Populations
- SCIENCE X. D. Economics and Politics
- SCIENCE X. E. Human Practices and Their Impacts

MATH

- MATH I. C. Systems of Measurement
- MATH II. A. Identifying Expressions and Equations
- MATH V. A. Design a Study
- MATH V. B. Describe Data
- MATH V. C. Analyze, Interpret, and Draw Conclusions from Data
- MATH VI. C. Model Real-World Situations with Functions
- MATH VII. D. Real-World Problem Solving
- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

ELA

- *ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- *ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations

SOCIAL STUDIES

- *SOCIAL STUDIES III. B. Global Analysis

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. D. Use of Data

5. CSI Forensic Science CAMP

Blood spatter, fingerprint, hair, and footprint analysis; law enforcement and judicial careers; a mock trial.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE I. D. Current Scientific Technology
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE II. C. Understand Relationships Among Geometry, Algebra, and Trigonometry (spatter angles)
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. F. Scientific Measurement
- SCIENCE III. A. Scientific Writing
- SCIENCE III. C. Presentation of Scientific/Technical Information
- SCIENCE IV. B. Social Ethics
- SCIENCE V. D. Classification
- SCIENCE VI. A. Structure and Function of Cells
- SCIENCE VI. D. Molecular Genetics and Heredity (DNA evidence)
- SCIENCE VII. A. Matter and Its Properties
- SCIENCE VIII. C. Forces and Motion

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts

MATH

- MATH I. C. Systems of Measurement
- *MATH III. A. Figures and Their Properties
- *MATH IV. B. Computation and Interpretation of Probabilities
- *MATH VII. C. Logical Reasoning

SOCIAL STUDIES

- *SOCIAL STUDIES I. C. Change and Continuity of Political Ideologies, Constitutions, and Political Behavior
- *SOCIAL STUDIES I. E. Change and Continuity of Social Groups, Civic Organizations, Institutions, and Their Interaction
- *SOCIAL STUDIES IV. C. Critical Listening
- *SOCIAL STUDIES IV. D. Reaching Conclusions
- *SOCIAL STUDIES V. A. Clear and Coherent Oral and Written Communication

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. B. Reasoning
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY I. F. Academic Integrity (ethical codes of conduct)

6. Business & Entrepreneurship CAMP

Inventing a product, building a brand, marketing, finance, and pitching to "investors."

MATH

- MATH I. A. Number Representations and Operations
- MATH I. B. Number Sense and Number Concepts
- MATH II. A. Identifying Expressions and Equations
- MATH IV. B. Computation and Interpretation of Probabilities
- MATH V. A. Design a Study
- MATH V. B. Describe Data
- MATH V. C. Analyze, Interpret, and Draw Conclusions from Data
- MATH VI. C. Model Real-World Situations with Functions
- MATH VII. B. Proportional Reasoning (percentages, markup, profit margin)
- MATH VII. D. Real-World Problem Solving
- MATH VIII. C. Presentation and Representation of Mathematical Work
- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. C. Design and Produce an Effective Product

SOCIAL STUDIES

- *SOCIAL STUDIES I. D. Change and Continuity of Economic Systems and Processes
- *SOCIAL STUDIES I. F. Problem-Solving and Decision-Making Skills
- *SOCIAL STUDIES III. B. Global Analysis
- *SOCIAL STUDIES V. A. Clear and Coherent Oral and Written Communication

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. B. Reasoning
- CROSS-DISCIPLINARY I. C. Problem Solving

- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. B. Writing Across the Curriculum
- CROSS-DISCIPLINARY II. D. Use of Data

7. Marine Biology CAMP

Ocean biodiversity, endangered species, plastic pollution, rising sea temperatures, overfishing, and marine conservation.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics
- SCIENCE V. C. Change Over Time/Equilibrium
- SCIENCE V. D. Classification
- SCIENCE VI. C. Evolution and Populations
- SCIENCE VI. E. Classification and Taxonomy
- SCIENCE VI. F. Systems and Homeostasis
- SCIENCE VI. G. Ecology
- SCIENCE VII. I. Properties and Behavior of Gases, Liquids, and Solids
- SCIENCE VIII. F. Fluids (pressure and buoyancy)
- SCIENCE IX. A. Earth Systems
- SCIENCE IX. F. Energy Transfer Within and Among Systems
- SCIENCE X. A. Earth Systems (hydrosphere, biogeochemical cycles)
- SCIENCE X. C. Populations
- SCIENCE X. D. Economics and Politics
- SCIENCE X. E. Human Practices and Their Impacts

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- *MATH V. C. Analyze, Interpret, and Draw Conclusions from Data

SOCIAL STUDIES

- *SOCIAL STUDIES III. B. Global Analysis

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. D. Use of Data

8. Dinosaur World CAMP

Prehistoric geological eras, dinosaur species, fossil formation, Earth's shifting crust, and extinction.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE III. B. Scientific Reading
- SCIENCE IV. C. History of Science
- SCIENCE V. C. Change Over Time/Equilibrium
- SCIENCE V. D. Classification
- SCIENCE V. E. Measurements and Models
- SCIENCE VI. C. Evolution and Populations
- SCIENCE VI. E. Classification and Taxonomy
- SCIENCE VI. G. Ecology
- SCIENCE VII. K. Nuclear Chemistry (radiometric dating)
- SCIENCE IX. A. Earth Systems
- SCIENCE IX. E. Plate Tectonics
- SCIENCE X. A. Earth Systems (history of Earth's systems)
- SCIENCE X. C. Populations (extinction)

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. A. Formulate Topic and Questions

MATH

- MATH I. C. Systems of Measurement

SOCIAL STUDIES

- *SOCIAL STUDIES I. B. Periodization and Chronological Reasoning

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. B. Reasoning
- CROSS-DISCIPLINARY II. A. Reading Across the Curriculum

9. Drones & Rovers CAMP

Drones, robots, and rovers across industries; building and testing prototypes; AI tools for smart tech solutions.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE I. D. Current Scientific Technology
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. F. Scientific Measurement
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics
- SCIENCE V. B. Energy
- SCIENCE VIII. A. Matter (mass, inertia, weight)
- SCIENCE VIII. B. Vectors
- SCIENCE VIII. C. Forces and Motion
- SCIENCE VIII. D. Mechanical Energy
- SCIENCE VIII. E. Rotating Systems
- SCIENCE VIII. F. Fluids (lift and Bernoulli's principle)
- SCIENCE VIII. I. Electromagnetism

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. C. Design and Produce an Effective Product

MATH

- MATH I. C. Systems of Measurement

- *MATH III. B. Transformations and Symmetry
- *MATH III. D. Measurements Involving Geometry and Algebra
- *MATH VII. A. Mathematical Problem Solving
- MATH VII. D. Real-World Problem Solving

SOCIAL STUDIES

- *SOCIAL STUDIES I. D. Change and Continuity of Economic Systems and Processes (industry applications)

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. D. Academic Behaviors (persevere to complete and master tasks)
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. E. Technology

10. Earth Science CAMP

Earth's systems, climate change, extreme weather, carbon footprint, and a battery-powered electric vehicle race.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. C. Collaborative and Safe Working Practices
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. F. Scientific Measurement
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE V. B. Energy
- SCIENCE V. C. Change Over Time/Equilibrium
- SCIENCE V. E. Measurements and Models
- SCIENCE VII. E. Chemical Reactions (batteries, combustion)
- SCIENCE VIII. C. Forces and Motion
- SCIENCE VIII. D. Mechanical Energy
- SCIENCE VIII. I. Electromagnetism (circuits, voltage, current)
- SCIENCE IX. A. Earth Systems
- SCIENCE IX. F. Energy Transfer Within and Among Systems
- SCIENCE X. A. Earth Systems
- SCIENCE X. B. Energy
- SCIENCE X. D. Economics and Politics
- SCIENCE X. E. Human Practices and Their Impacts

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- MATH I. C. Systems of Measurement
- *MATH V. C. Analyze, Interpret, and Draw Conclusions from Data

SOCIAL STUDIES

- *SOCIAL STUDIES III. A. Spatial Understanding of Global, Regional, National, and Local Communities

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. D. Use of Data

11. Generative Artificial Intelligence CAMP

How generative AI models are designed and used across industries; building AI solutions to real-world challenges.

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. D. Current Scientific Technology
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE II. E. Scientific Application of Probability and Statistics
- SCIENCE III. D. Research Skills/Information Literacy
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics
- SCIENCE IV. C. History of Science

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA V. A. Formulate Topic and Questions
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- *MATH IV. B. Computation and Interpretation of Probabilities
- *MATH V. C. Analyze, Interpret, and Draw Conclusions from Data
- MATH VII. C. Logical Reasoning

SOCIAL STUDIES

- *SOCIAL STUDIES IV. A. Critical Examination of Texts, Images, and Other Sources of Information
- *SOCIAL STUDIES V. B. Academic Integrity

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. B. Reasoning
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. F. Academic Integrity
- CROSS-DISCIPLINARY II. E. Technology

12. Media Arts & Communication CAMP

Social media, AI-powered graphic design, influencer responsibilities, digital engagement, and responsible campaigns.

SOCIAL STUDIES

- SOCIAL STUDIES I. E. Change and Continuity of Social Groups, Civic Organizations, Institutions, and Their Interaction
- SOCIAL STUDIES I. F. Problem-Solving and Decision-Making Skills
- SOCIAL STUDIES II. A. Multicultural Societies
- SOCIAL STUDIES II. B. Factors That Influence Personal and Group Identities
- SOCIAL STUDIES III. A. Spatial Understanding of Global, Regional, National, and Local Communities
- SOCIAL STUDIES IV. A. Critical Examination of Texts, Images, and Other Sources of Information
- SOCIAL STUDIES IV. B. Research and Methods
- SOCIAL STUDIES IV. C. Critical Listening
- SOCIAL STUDIES IV. D. Reaching Conclusions

- SOCIAL STUDIES V. A. Clear and Coherent Oral and Written Communication
- SOCIAL STUDIES V. B. Academic Integrity

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. D. Acquire Insights About Oneself, Others, or the World from Reading Diverse Texts
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources
- ELA V. C. Design and Produce an Effective Product

MATH

- *MATH V. B. Describe Data
- *MATH V. C. Analyze, Interpret, and Draw Conclusions from Data

SCIENCE

- *SCIENCE IV. B. Social Ethics

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. F. Academic Integrity
- CROSS-DISCIPLINARY II. B. Writing Across the Curriculum
- CROSS-DISCIPLINARY II. D. Use of Data
- CROSS-DISCIPLINARY II. E. Technology

13. Colonizing Mars CAMP

Mars' atmosphere, gravity, and terrain; interplanetary mission design; building a Mars rover and launching a high-powered rocket.

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases

- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. A. Formulate Topic and Questions
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- MATH I. A. Number Representations and Operations (scientific notation for planetary distances)
- MATH I. C. Systems of Measurement
- MATH II. A. Identifying Expressions and Equations
- MATH III. A. Figures and Their Properties
- MATH III. D. Measurements Involving Geometry and Algebra
- MATH VI. C. Model Real-World Situations with Functions
- MATH VII. A. Mathematical Problem Solving
- MATH VII. D. Real-World Problem Solving
- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

SCIENCE

- *SCIENCE I. B. Scientific Inquiry
- *SCIENCE I. D. Current Scientific Technology
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE VIII. A. Matter (gravitational force and weight)
- SCIENCE VIII. C. Forces and Motion
- *SCIENCE VIII. D. Mechanical Energy
- *SCIENCE VIII. F. Fluids
- SCIENCE IX. A. Earth Systems (comparing atmosphere and geosphere)
- SCIENCE IX. C. Solar System
- SCIENCE IX. D. Origin and Structure of the Universe

SOCIAL STUDIES

- *SOCIAL STUDIES I. A. Spatial Analysis of Physical and Cultural Processes
- *SOCIAL STUDIES I. F. Problem-Solving and Decision-Making Skills

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY II. C. Research Across the Curriculum

14. Animal Biology CAMP

Animal species, food chains, ecosystems, biodiversity, endangered species, migration, and conservation design.

SCIENCE

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. E. Effective Communication of Scientific Information
- SCIENCE III. B. Scientific Reading
- SCIENCE IV. B. Social Ethics
- SCIENCE V. B. Energy (energy transfer in food chains)
- SCIENCE V. D. Classification
- SCIENCE VI. A. Structure and Function of Cells
- SCIENCE VI. C. Evolution and Populations
- SCIENCE VI. D. Molecular Genetics and Heredity
- SCIENCE VI. E. Classification and Taxonomy
- SCIENCE VI. F. Systems and Homeostasis
- SCIENCE VI. G. Ecology
- SCIENCE X. A. Earth Systems (biomes)
- SCIENCE X. C. Populations
- SCIENCE X. D. Economics and Politics (environmental policy)
- SCIENCE X. E. Human Practices and Their Impacts

ELA

- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources

MATH

- *MATH V. C. Analyze, Interpret, and Draw Conclusions from Data

SOCIAL STUDIES

- *SOCIAL STUDIES I. A. Spatial Analysis of Physical and Cultural Processes (migration patterns)

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. C. Problem Solving

- CROSS-DISCIPLINARY I. E. Work Habits

15. College, Career & Life Success CAMP

Career pathways, college options, financial aid, entrance exams, communication, goal-setting, time management, and a personal roadmap.

ELA

- ELA I. A. Compose a Variety of Texts That Demonstrate Clear Focus, the Logical Development of Ideas in Well-Organized Paragraphs, and the Use of Appropriate Language That Advances the Author's Purpose
- ELA II. A. Identify, Analyze, and Evaluate Information Within and Across Texts of Varying Lengths and Genres
- ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- ELA III. A. Understand the Elements of Both Formal and Informal Communication in Group Discussions, One-on-One Situations, and Presentations
- ELA IV. A. Apply Listening Skills in a Variety of Settings and Contexts
- ELA V. A. Formulate Topic and Questions
- ELA V. B. Locate, Evaluate, and Select Information from a Variety of Sources
- ELA V. C. Design and Produce an Effective Product

MATH

- MATH I. A. Number Representations and Operations
- MATH I. B. Number Sense and Number Concepts
- MATH II. A. Identifying Expressions and Equations
- MATH V. C. Analyze, Interpret, and Draw Conclusions from Data
- MATH VII. B. Proportional Reasoning (budgets, loan and aid percentages)
- MATH VII. D. Real-World Problem Solving
- MATH IX. B. Connections of Mathematics to Nature, Real-World Situations, and Everyday Life

SOCIAL STUDIES

- *SOCIAL STUDIES I. D. Change and Continuity of Economic Systems and Processes
- *SOCIAL STUDIES I. F. Problem-Solving and Decision-Making Skills
- *SOCIAL STUDIES II. B. Factors That Influence Personal and Group Identities
- *SOCIAL STUDIES V. A. Clear and Coherent Oral and Written Communication

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. A. Intellectual Curiosity
- CROSS-DISCIPLINARY I. B. Reasoning
- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. D. Academic Behaviors
- CROSS-DISCIPLINARY I. E. Work Habits

- CROSS-DISCIPLINARY I. F. Academic Integrity
- CROSS-DISCIPLINARY II. A. Reading Across the Curriculum
- CROSS-DISCIPLINARY II. B. Writing Across the Curriculum
- CROSS-DISCIPLINARY II. C. Research Across the Curriculum
- CROSS-DISCIPLINARY II. D. Use of Data
- CROSS-DISCIPLINARY II. E. Technology

16. Coding & Software Development CAMP

Coding fundamentals, app development, software design, programming robots and drones, and AI in software.

MATH

- MATH I. A. Number Representations and Operations (binary and other number systems)
- MATH II. A. Identifying Expressions and Equations
- MATH II. B. Manipulating Expressions
- MATH II. D. Representing Relationships
- MATH III. B. Transformations and Symmetry (screen coordinates and movement)
- MATH IV. A. Counting Principles
- MATH VI. A. Recognition and Representation of Functions
- MATH VI. B. Analysis of Functions
- MATH VII. A. Mathematical Problem Solving
- MATH VII. C. Logical Reasoning
- MATH VIII. A. Language, Terms, and Symbols of Mathematics
- MATH IX. A. Connections Among the Strands of Mathematics

SCIENCE

- SCIENCE I. A. Cognitive Skills in Science
- SCIENCE I. B. Scientific Inquiry
- SCIENCE I. D. Current Scientific Technology
- SCIENCE II. B. Mathematics as a Symbolic Language
- SCIENCE II. D. Scientific Problem Solving
- SCIENCE IV. A. Interactions Between Innovations and Science
- SCIENCE IV. B. Social Ethics
- SCIENCE VIII. C. Forces and Motion (programming robot movement)
- SCIENCE VIII. I. Electromagnetism (basic circuits)

ELA

- *ELA II. B. Apply a Variety of Strategies to Determine the Meanings of Unfamiliar Words and Phrases
- *ELA V. C. Design and Produce an Effective Product

CROSS-DISCIPLINARY

- CROSS-DISCIPLINARY I. B. Reasoning

- CROSS-DISCIPLINARY I. C. Problem Solving
- CROSS-DISCIPLINARY I. D. Academic Behaviors (accuracy, precision, perseverance)
- CROSS-DISCIPLINARY I. E. Work Habits
- CROSS-DISCIPLINARY I. F. Academic Integrity
- CROSS-DISCIPLINARY II. E. Technology