

ACADEMICS - 6TH GRADE CURRICULUM

Del Mar Middle School



THERE ARE FIVE REQUIRED COURSES IN SIXTH GRADE

<p>ENGLISH</p> <p><i>How do words captivate, inform, and persuade?</i></p>	<p>READING</p> <ul style="list-style-type: none">• Classic and contemporary literature• Nonfiction• Reading strategies• Independent reading projects• Hero's Journey• Text features and organization• Main ideas and supporting details• Literary devices and analysis <p>WRITING</p> <ul style="list-style-type: none">• Sequencing• Sensory details• Utilizing PEEER• Citing text, experts, and multiple sources• Research techniques• Evaluating sources• Ethos, pathos, and logos• Fallacious reasoning <p>SPEAKING & LISTENING</p> <ul style="list-style-type: none">• Oral storytelling• Book clubs• Socratic seminar• Near East podcast• Socratic seminar• Greek debates• Shared inquiry discussion <p>LANGUAGE</p> <ul style="list-style-type: none">• Academic vocabulary• Capitalization• Spelling• Adjectives• Adverbs• Foreign words and phrases• Punctuation• Quotation• Transitional phrases• Greek and Latin roots• Pronouns• Sentence structure• Subject-verb agreement
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HISTORY

How does a group of people progress from surviving to thriving?

How does the environment influence a developing civilization?

How do religion and government impact society?

What is the relationship between individual behavior and the greater good of a society?

How did societies influence each other over space and time?

CIVILIZATIONS

- Early Humans
- Near East
- Hebrews-Israelites
- Egypt
- India
- China
- Greece

WRITING APPLICATIONS

- Autobiographical narrative: Early Humans story
- Near East: Presentation
- Compare & Contrast: Past and present Hebrews-Israelites and Israel
- Research Paper: King Tut thesis
- Hero Analysis: Rama
- Historical Narrative: Ming Dynasty
- Monologues: Historical Dilemma

READING

- The Secret Cave
- Gilgamesh
- Exodus
- Howard Carter's Journal
- The Ramayana
- Story of a Fa Mulan
- The Odyssey

PROJECTS

- Cave Hunt, MinecraftEDU Civilization
- New East Presentation, trade fair
- King Solomon's Temple, walkthrough
- Hieroglyphic Cartouche, tomb brochure
- Hindu webpage
- Chinese poetry poster
- City State Debates, Minecrafteropolis, Greek Symposium

MATH

*For more detailed unit information, see **RUSDMATH:** rusdmath.weebly.com/grade-6.html and **Illustrative Mathematics:** im.openupresources.org/6/families/index.html*

*To review the **Common Core Standards for 6th Grade Math**, see **Common Core State Standards:** www.corestandards.org/Math/Content/6/introduction/*

UNITS OF STUDY

- Area and Surface Area
- Introducing Ratios
- Unit Rates and Percentages
- Dividing Fractions
- Arithmetic in Base Ten
- Expressions and Equations
- Rational Numbers
- Data Sets and Distributions

8 Mathematical Practices taught throughout all units:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning

<p>SCIENCE</p> <p><i>What skills do scientists use and how will I use them? All scientists observe, infer, and predict.</i></p> <p><i>What are the physical processes that change the Earth and what are their effects?</i></p> <p><i>What is the interdependence between abiotic and biotic factors?</i></p> <p><i>What characteristics are necessary for organisms to survive and thrive?</i></p>	<p>UNITS OF STUDY</p> <ul style="list-style-type: none"> • Matter and Its Interactions • Ecosystems: Interactions, Energy, and Dynamics • Earth's Systems • Earth and Human Activity • Engineering and Crosscutting Concepts <p>SCIENTIFIC AND ENGINEERING PRACTICES</p> <ul style="list-style-type: none"> • Scientific Literacy • Scientific Reasoning • Explaining Phenomena Using Evidence • Analyzing and Interpreting Quantitative and Qualitative Data • Questioning and Inquiry • Modeling • Designing and Engineering Solutions to Problems <p>SKILLS</p> <ul style="list-style-type: none"> • Observing nature and its relationships to infer and predict • Measurement of scientific properties using a variety of tools and units • Recording, manipulating, plotting, and analyzing data • Asking questions and forming conclusions • Analyzing visuals including figures, maps, charts, and graphs • Problem solving and collaboration
<p>PHYSICAL EDUCATION</p> <p><i>How do you take care of yourself and others?</i></p> <p><i>What techniques can you use to reduce stress and be your best self?</i></p> <p><i>How has your L.I.F.E. improved because of your participation in sixth grade PE?</i></p>	<p>TRIMESTER 1: SPORTSMANSHIP THEME</p> <ul style="list-style-type: none"> • Indoor Games and Activities (Building Community and Learning Procedures) • Hockey • Football or Frisbee • Table Tennis <p>TRIMESTER 2: STRESS-REDUCTION THEME</p> <ul style="list-style-type: none"> • Basketball • Jump Rope/Juggle (Rhythms) • Dance <p>TRIMESTER 3: FITNESS THEME</p> <ul style="list-style-type: none"> • Track and Field • Fitness Testing • Team Handball • Bicycle Safety