

Week 2: Investigating Mars

LESSON 4: INVESTIGATE MARS
GRADE LEVEL: 3-5
LENGTH: 2 DAYS

TEKS/SES:

Science

Grade 3

3.2.A 3.2.F 3.4.A

Grade 4

4.2.A 4.2.B 4.2.F 4.4.A

Grade 5

5.2.D 5.2.F 5.4.A

Full text versions of these TEKS are available at <http://ritter.tea.state.tx.us/rules/tac/chapter112/ch112a.html>

Math

Grade 3

3.14.B 3.14.C

Grade 4

4.14.B 4.14.C

Grade 5

5.14.B 5.14.C

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Language Arts

Grade 3

3.2.C 3.4.A 3.4.B 3.11 3.12 3.13.A 3.13.D 3.25.A 3.25.B 3.26.A.ii 3.26.A.iii
3.26.B 3.26.C 3.26.D 3.26.E 3.31

Grade 4

4.2.A 4.2.B 4.2.E 4.9 4.11.A 4.11.D 4.13.B 4.23.A 4.23.B 4.24.A.ii 4.24.A.iii
4.24.B 4.24.C 4.24.D 4.24.E 4.29

Grade 5

5.2.A 5.2.B 5.2.E 5.9 5.11.A 5.11.D 5.11.E 5.13.A 5.13.B 5.23.A 5.23.B 5.24.A 5.24.C
5.24.D 5.24.E 5.29

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NATIONAL STANDARDS

Science

Science as Inquiry

- Abilities necessary to do scientific inquiry
- Understanding about scientific inquiry

Science and Technology

- Abilities of technological design
- Understanding about science and technology

History and Nature of Science

- Science as human endeavor
- Nature of science

Language Arts

- NL-ENG.K-12.1 PREADING FOR PERSPECTIVE Students read a wide range of print and nonprint texts to build an understanding of texts, of themselves, and of the cultures of the United States and the world; to acquire new information; to respond to the needs and demands of society and the workplace; and for personal fulfillment. Among these texts are fiction and nonfiction, classic and contemporary works.
- NL-ENG.K-12.7 EVALUATING DATA Students conduct research on issues and interests by generating ideas and questions, and by posing problems. They gather, evaluate, and synthesize data from a variety of sources (e.g., print and nonprint texts, artifacts, people) to communicate their discoveries in ways that suit their purpose and audience.
- NL-ENG.K-12.8 DEVELOPING RESEARCH SKILLS Students use a variety of technological and information resources (e.g., libraries, databases, computer networks, video) to gather and synthesize information and to create and communicate knowledge.
- NL-ENG.K-12.12 APPLYING LANGUAGE SKILLS Students use spoken, written, and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion, and the exchange of information).