

# Week 2: Investigating Mars

**LESSON 4:** INVESTIGATE MARS  
**GRADE LEVEL:** 6-8  
**LENGTH:** 2 DAYS

## TEKS/SES:

### Science

#### Grade 6

6.2.A 6.2.E 6.4.A 6.11.A

#### Grade 7

7.2.A 7.2.E 7.4.A 7.9.A

#### Grade 8

8.2.E 8.4.A 8.8.A

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

### Math

#### Grade 6

6.11.B

#### Grade 7

7.13.B

#### Grade 8

8.14.B

Full text versions of these TEKS are available at <http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111a.html>

### Language Arts

#### Grade 6

6.2.A 6.2.B 6.2.E 6.10.A 6.10.D 6.12.B 6.13.A 6.22.A 6.22.B 6.23.A 6.23.C 6.23.D 6.23.E

#### Grade 7

7.2.A 7.2.B 7.2.E 7.10.A 7.10.D 7.13.C 7.22.A 7.22.B 7.23.A 7.23.B 7.23.C 7.23.D 7.24.A  
7.24.B

#### Grade 8

8.2.A 8.2.B 8.2.E 8.10.A 8.10.D 8.22.A 8.22.B 8.23.A 8.23.B 8.23.C 8.23.D 8.24.A 8.24.B

Full text versions of these TEKS are available at <http://ritter.tea.state.tx.us/rules/tac/chapter110/ch110a.html>

## 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).