

the year. If so, consider teaching these topics closer to this unit so that cross-curriculum learning can take place.

Math ◆ Escape velocities ◆ Re-entry trajectories ◆ Elliptical orbits ◆ The speed of sound Current Events ◆ Animal testing ◆ The United Nations ◆ The Astronaut Scholarship Foundation ◆ Voyager 1 and 2 spacecraft ALAN SHEPARD

History

- ♦ Use of military aircraft in war
- ♦ World War II
- ♦ Korean War
- ♦ Vietnam War
- ◆ Assassination of John F. Kennedy
- ♦ Civil Rights movement
- ♦ Bay of Pigs Invasion
- ♦ History of airplane manufacturers (Boeing, Douglas Aircraft)
- ♦ Other well-known astronauts (John Glenn, Neil Armstrong)
- ♦ The Naval Academy's history
- ♦ The baby boom after World War II
- ♦ History and role of the White House Rose Garden
- ♦ History of NASA

Science & Medicine

- **♦** Typhoons
- ◆ Effects of gravity (g-force) on the human body
- ♦ Geology of the moon
- ♦ Leukemia





Key Quotes

The authors have selected nine quotes that can be used alongside or as part of this unit study. These could be used in the following ways:

Memorization. The teacher can assign one or all of the quotes to be memorized during the course of the study. A chart could track which students have memorized which quotes.

Meaning. The quotes can be used to spark conversation on various aspects of Alan Shepard's life. This can then be translated into action by having students form groups and present one of the quotes to the class in a creative manner. Students could make up a skit to illustrate the meaning of the quote or present a one-act play showing how the quote was relevant in the life of Alan Shepard.

Display. Students could design a plaque, wall hanging, or banner, with one of the quotes written on it. This could be hung in a prominent place while the unit study is under way and used for decoration during the culminating event.