

FOURTH GRADE**SCIENCE**

Goal 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems.

Learning Standard A

Know and apply the concepts, principles and processes of scientific inquiry.

- Follow procedures for science activities

Goal 12: Understand the fundamental concepts, principles and interconnections fo the life, physical and earth/space sciences.

Learning Standard D	Learning Standard E	Learning Standard F
Know and apply concepts that describe force and motion and the principles that explain them.	Know and apply concepts that describe the features and processes of the Earth and its resources.	Know and apply concepts that explain the composition and structure of the universe and Earth's place in it.
<ul style="list-style-type: none">• Understand the basic concept of Earth's gravity	<ul style="list-style-type: none">• Know that rocks are made of minerals	<ul style="list-style-type: none">• Understand the importance of the sun• Know the order of the planets• Explain what causes night and day

Goal 13: Understand the relationships among science, technology, and society in historical and contemporary contexts.

Learning Standard A

Know and apply the accepted practices of science.

- Understand that similar experiments may produce different results