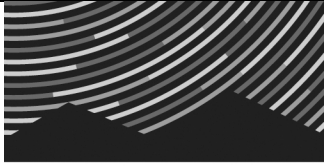


<p><b>“Live... from McDonald Observatory!” Videoconference “Discover our Solar System: Make a Size Scale Model” Related TEKS, NSES for grades 3-5</b></p>	 <p><b>McDonald Observatory</b></p>
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Grades 3 – 5 TEKS - Science:

- 112.14. Grade 3(b) - 3 (C) represent the natural world using models such as volcanoes or Sun, Earth, and Moon system and identify their limitations, including size, properties, and materials.
- 112.14. Grade 3(b) - 8(C) construct models that demonstrate the relationship of the Sun, Earth, and Moon, including orbits and positions.
- 112.16. Grade 5 (b) – 8(D) identify and compare the physical characteristics of the Sun, Earth, and Moon.

Grades 3 – 5 National Math Standards and Expectations:

- Understand such attributes as length, area, weight, volume, and size of angle and select the appropriate type of unit for measuring each attribute.
- Select and apply appropriate standard units and tools to measure length, area, volume, weight, time, temperature, and the size of angles.
- Use geometric models to solve problems in other areas of mathematics, such as number and measurement.

Grades K – 4 NSES & Grade 5 NSES:

- Content Standard in K-4 & 5-8 Science and Technology – Students should develop abilities of technological design
- Content Standard in K-4 & 5-8 Science as Inquiry – Abilities necessary to do scientific inquiry, and Understanding about scientific inquiry.
- Content Standard in 5-8 Earth and Space Science – Earth in the solar system.
- Content Standard in K-4 Earth and Space Science – Objects in the sky.