### Eighth Grade Earth Science Curriculum Pacing Guide

**Crosscutting Concepts:** Cause and Effect; Systems and System Models; Matter and Energy

**Solar System and Beyond**

8 week Instructional Segment

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| Celestial Objects from Different Perspectives (slide presentation) | S6E1a-e | Solar System and Beyond | Frameworks of K-12 Science Education: *By the end of grade 6* | ● Asking questions and defining problems  
● Developing and using models  
● Analyzing and interpreting data | By the end of this unit, students are using the following language in their speaking and writing during EXPLAIN or ELABORATE.  
● Scientific theory  
● Big Bang Theory  
● Universe  
● Milky Way galaxy  
● Solar System  
● Scientific models  
● Gravity  
● Inertia  
● Solar System  
● Planets  
● Characteristics  
● Relative position  
● Relative distance |

This instructional segment will connect to Cause and Effect: The Solar System.

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