

## Summary of Lesson Objectives for *Our Place in Space*

The lesson objectives listed below are taken from the *Common Core State Standards For English Language Arts and Literacy in Science*. Please note these standards are taken from the fourth and fifth grade level as indicated in parenthesis beside the objective.

### Students will be able to:

- Elaborate on answers to questions and make comments that contribute to the topic, and build on the ideas of previous speakers during discussions.
- Draw conclusions based on the ideas of others and incorporate them into their own thinking as appropriate. (Gr. 5)
- Explain how an author uses evidence to support his or her claims in a text.
- Quote from a text to support statements about the text.
- Compare the treatment of similar ideas and themes...as well as character types and patterns of events in myths...from different cultures. (Gr. 5)
- Describe in detail a character, event, or setting, drawing on specific details in the text (e.g., from a character's thoughts, words, deeds, or interactions with others). (Gr. 4)
- Read literature independently, proficiently, and fluently within the grades 4-5 text complexity band; read "stretch" texts in the grades 6-8 text complexity band with scaffolding as needed.
- Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently. (Gr. 5)
- Integrate information from several texts on the same subject in order to write or speak about the subject knowledgeably. (Gr. 5)
- Read informational texts independently, proficiently, and fluently within the grades 4-5 text complexity band; read "stretch" texts in the grades 6-8 text complexity band, with scaffolding as needed. (Gr. 5)
- Provide evidence our solar system is sun centered. (Gr. 4)
- Describe that the rotation of the Earth makes it seem the Sun, Moon, planets, and stars orbit the Earth. (Gr. 5)
- Recognize that the Earth's revolution causes the length of the year and apparent changes in positions of other celestial bodies. (Gr. 5)
- Produce coherent and clear writing in which the organization, development, substance, and style are appropriate to task, purpose and audience. (Gr. 5)
- Explain the relationships between two or more historical events or scientific concepts by drawing on specific information from one or more texts. (Gr. 5)
- Employ domain-specific vocabulary and some technical terms.
- Compare and contrast two or more characters, events, or settings in a text, drawing on specific details. (Gr. 5).
- Write or express an opinion with logically ordered reasons that are supported by facts and details. (Gr. 5)