

Kentucky
Elementary School

Starry Night Lesson Plans
Grades K-2 Grades 3-4

Grades K-3

Primary Enduring Knowledge – Understandings

<ul style="list-style-type: none"> the sun, moon and stars appear to move slowly across the sky at different speeds and we can see patterns in their movement with careful observation. 	1, 3, 4	2, 3
<ul style="list-style-type: none"> the sun can only be seen in the daytime. The moon can sometimes be seen during the day and sometimes be seen at night and its shape changes in a predictable pattern. 	1, 3, 4	1, 3
<ul style="list-style-type: none"> observable interactions of the sun, moon and the Earth can be used to identify the apparent pattern of their movement. 	1, 3, 4	1, 2
<ul style="list-style-type: none"> raising questions about the Earth and the Universe and seeking answers to some of them (by careful observation and/or investigation) is what science is all about. 	1, 2, 3, 4	1, 2, 3

Grade 4 Enduring Knowledge – Understandings

<ul style="list-style-type: none"> a variety of models of the sun, earth, moon system are needed to explain the observed patterns of their relative motions, since people are not able to see from the outside how this system is constructed. 	1, 2, 3, 4	1, 2, 3
<ul style="list-style-type: none"> a model of something can never be exactly like the real thing, but can be used to learn something about the real thing. 	1, 2, 3, 4	1, 2, 3