

# Monroe 2 Orleans BOCES Elementary Science Program

## Astronomy Unit – Grades 5 - 8

### *New York State P – 12 Common Core Learning Standards ELA and Mathematics, Grades 5 - 8*

This correlation indicates the activity number and name from the Teacher’s Guide, the abbreviated name of the standard and the corresponding number based on the New York State *Common Core Learning Standards in English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects* and New York State *Common Core Learning Standards in Mathematics*.

Activity 1, What’s in our Solar System? .....	<b>ELA:</b> W-1, W-2, W-4, W-7
Activity 2, What is a Planet? .....	<b>ELA:</b> W-1, W-2, W-4, W-7, SL-1, SL-4, RI-1, RI-2, RI-4, RI-8
Activity 3, Scale Model Solar System.....	<b>ELA:</b> W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, NS.1, NS.2, NS.3
Activity 4, Scale Model Moon.....	<b>ELA:</b> W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.3, NS.2, NS.3, NS.8
Activity 5, Moon Watch .....	<b>ELA:</b> SL-1, SL-2, SL-4
Activity 6, Modeling Moon Phases.....	<b>ELA:</b> W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.2, RP.3
Activity 7, Moon Orbit (optional) .....	<b>ELA:</b> SL-1, SL-2, SL-4 <b>Math:</b> RP.1, RP.3, G.1
Activity 8, Moon View .....	<b>ELA:</b> W-1, W-3, W-7, W-8, SL-1, SL-2, SL-4
Activity 9, Craters .....	<b>ELA:</b> RI-1, RI-2, RI-4, RI-7, RI-8, SL-1, SL-2, SL-4 <b>Math:</b> RP.1, RP.2, RP.3
Activity 10, Looking Farther Away .....	<b>ELA:</b> RI-1, RI-2, RI-4, RI-7, RI-8

Activity 11, Earth's Orbit .....	<b>ELA:</b> RI-1, W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.3, G.1, G.4, G.6
Activity 12, Cause of Seasons .....	<b>ELA:</b> RI-1, W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.3, G.1, G.4, G.6
Activity 13, Analemma (optional).....	<b>ELA:</b> SL-1, SL-2, SL-4 <b>Math:</b> RP.1, RP.3, G.1, G.4, G.6
Activity 14, Latitude .....	<b>ELA:</b> RI-1, W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.3, G.1, G.4
Activity 15, Longitude.....	<b>ELA:</b> RI-1, W-1, W-2, W-4, W-7, W-8 <b>Math:</b> RP.1, RP.3, G.1, G.4