

7th Grade Science Agenda- Mrs. Sharon

Week of October 17, 2016

Day	In Class	HW/Reminders
<p>Monday 10-17</p> <p><i>I can ask scientific questions based on observations, investigations and research.</i></p> <p>S.IP.07.11, 12, 13, 14, 15, S.IA.17.11, 13</p>	<p>Block Schedule-Odd Day (1, 3, 7)</p> <ol style="list-style-type: none"> 1. Review Scientific Questions 2. Hypothesizing Notes/Practice 3. Scientific Method Notes 4. Paper Airplane Inquiry Lab 	<p>Unit Test October 24/25</p> <p>Start Studying Notebook!</p>
<p>Tuesday 10-18</p>	<p>Block Schedule-Even Day (2, 4, 6)</p> <p>See Monday</p>	
<p>Wednesday 10-19</p> <p><i>I can ask scientific questions based on observations, investigations and research.</i></p> <p>S.IP.07.11, 12, 13, 14, 15 S.IA.17.11, 13</p>	<p>Block Schedule-Odd Day (1, 3, 7)</p> <ol style="list-style-type: none"> 1. Water Vacuum Lab 2. Study Guide and Review 	<p>Unit Test October 24/25</p> <p>Finish Study Guide!</p>
<p>Thursday 10-20</p>	<p>Block Schedule-Even Day (2, 4, 6)</p> <p>See Wednesday</p>	<p>Team Day</p>
<p>Friday 10-21</p> <p><i>I can ask scientific questions based on observations, investigations and research.</i></p>	<p>See All Classes-Early Release</p> <ol style="list-style-type: none"> 1. Check and Review Study Guide 2. Science World Magazine <p>S.RS.07.19</p>	<p>Unit Test on Mon/Tue!</p>

S.IP.M.1 Inquiry involves generating questions, conducting investigations, and developing solutions to problems through reasoning and observation.

S.I.P.07.11

Generate scientific questions based on observations, investigations and research.

Success Criteria:

*Correctly construct 6/8 scientific questions on practice page

*Correctly construct 4/6 hypotheses on practice page

S.I.P.07.12

Design and conduct scientific investigations.

Success Criteria:

*Set-up and complete Water Vacuum Lab using the steps in the Scientific Method

*Hypothesis is written in an “if” -”then” statement

S.I.P.07.13

Use tools and equipment (spring scales, stop watches, meter sticks, tape measures, models, hand lens, thermometer, sieves, microscopes, hot plate, pH meters) appropriate to scientific investigations.

Success Criteria:

*Correctly use scientific tools during the water vacuum lab so the lab is successful

S.I.P.07.14

Use metric measurement devices in an investigation.

Success Criteria:

*Accurately measure 200 mL of water in a beaker

*Accurately time 2 minutes on a stop watch

S.I.P.07.15

Construct charts and graphs from data and observations.

Success Criteria:

*Data portion of lab includes at least 5 pieces of data

S.I.P.07.16

Identify patterns in data.

Success Criteria:

*Conclusion of lab report answers the the question, "How does a burning candle, that sits in a pie tin of water, react when you put a glass jar over it?"

*Evidence (examples from the data) are used to support the conclusion

S.IA.M.1

Inquiry included an analysis and presentation of findings that lead to future questions, research and investigations.

S.IA.07.11

Analyze information from data tables and graphs to answer scientific questions.

Success Criteria:

*Evidence (examples from the data) are used to support the conclusion

S.IA.07.13

Communicate and defend findings of observations and investigations.

Success Criteria:

*Evidence (examples from the data) are used to support the conclusion

S.RS.M.1: Reflecting on knowledge in the application of scientific knowledge to new and different situations. Reflecting on knowledge requires careful analysis of evidence that guides decision-making and the application of science throughout history and within society.

S.RS.07.19

Describe how science and technology have advanced because of the contributions of many people throughout history and across cultures

Success Criteria:

*Reflection exit ticket on Science World Magazine article