

8th Grade Science 4th Six Weeks Project- Moon Phase Menu

Assigned: _____ Due Date: _____

Vocabulary Words: waxing, waning, quarter, gibbous, crescent, new moon, full moon, lunar cycle, revolution, neap tide, spring tide, gravity, moon phase, illuminated, lunar eclipse

** Use the menu below and choose options to complete that will add up to **100 points**. Please make choices that you are committed to complete to earn enough points.

<p><u>APPETIZERS- 10 points</u></p> <p><i>Vocabulary Cards:</i> Choose 10 words and create cards. (include the word, definitions, & a picture)</p> <p><i>Quiz:</i> Create a 15-question quiz. (include T/F, matching , multiple choice & an answer key)</p> <p><i>Crossword puzzle-</i> You must create for all 15 words while creating the puzzle.</p>	<p><u>SIDES- 30 POINTS</u></p> <p><i>Foldable:</i> Must include each phase of the moon on the outside flap; on the inside include description and picture of the phase.</p> <p><i>Poster:</i> Must include pictures of all phases of the moon as well as pictures of the Earth and the Sun. The phases of the Moon must be labeled and a description below each phase.</p> <p><i>Birthday Moon-</i> What did the moon look like on the day that you were born? Please follow the directions on the handout and complete the questions.</p>
<p><u>ENTREES- 40 POINTS</u></p> <p><i>Game:</i> Please make a game that allows students to answer questions to move from one location to the next based on the lunar cycle. The game should be created for 2 or more players.</p> <p><i>I movie:</i> Movie must demonstrate what happens during the revolution of the moon as it goes through each of the phases.</p> <p><i>Children's Book:</i> Must include pictures & descriptions appropriate for children. The book must have a unique title associated with the moon. The book must include color throughout and it should be 10- 12 pages.</p>	<p><u>DESSERT- 20 POINTS</u></p> <p><i>Song/Rap-</i> Must be at least 6-10 lines about the phases.</p> <p><i>Acrostic Poem:</i> Create an acrostic using the word lunar cycle or moon phases.</p> <p><i>Comic Strip:</i> Must include 5 frames with illustrations/descriptions that relate to the phases of the moon. The comic strip must be appropriate and colored.</p> <p><i>Cartoon Illustration:</i> Must include an illustration and description that relates to the lunar cycle.</p>

*The project counts as a **TEST GRADE** and must be completed by the due date. If the project is turned in late, then please refer to the late policy on the Syllabus.