


## GRADE LEVEL: 7

A TOTAL OF THREE ACTIVITIES SHOULD BE COMPLETED FOR EACH DAY.

### SLED DAY #10

<p><b>ONLINE OPTION</b></p> <p>Students will log into IXL (www.ixl.com) and complete THREE new lessons to 85% in one of the following subjects of their choice:</p> <p>Lessons must be completed on Grade Level.</p> <p><b>Language Arts</b> <b>Math</b> <b>Science</b> <b>Social Studies</b></p>	<p><b>ENGLISH</b></p> <p>What was the best movie you saw in the past year? Write two paragraphs (5-7 sentences per paragraph) telling the reader what the movie was about, describing the plot, and characters that appeared in the film. Explain to the reader why it was so good. Be sure to use correct grammar, punctuation, and capitalization.</p> <div></div>	<p><b>SOCIAL STUDIES</b></p> <p>Watch CNN10, a news channel, or read a news article in the newspaper or a magazine. Provide a summary about the current events you learned about. Will any of the current events affect you or not? Explain. (Write at least two paragraphs).</p>										
<p><b>MATH</b></p> <p>Evaluate the following.</p> <p>-2(a + 3b)</p> <p>5(3c + 5)</p> <p>4(7m + 5c)</p> <p>A box has a length of 12 inches and a width of 10 inches. If the volume of the box is 960 cubic inches what is its height?</p> <p>Name two complementary and two supplementary angles.</p>	<p><b>SCIENCE</b></p> <p><b>Masses of Four Objects</b></p> <table><tr><th>Object</th><th>Mass (kg)</th></tr><tr><td>1</td><td>15 kg</td></tr><tr><td>2</td><td>25 kg</td></tr><tr><td>3</td><td>32 kg</td></tr><tr><td>4</td><td>18 kg</td></tr></table> <p><b>Scenario:</b> A group of students have invented a device to measure the gravitational forces between masses. The device has two mass holders that are located 0.5 m apart. The masses of the objects placed on the holder are shown in the chart above. If the device works properly, which set of objects should show the largest gravitational force?</p> <p><b>Prompt:</b> Write a scientific explanation that justifies the answer to the problem above. Use CER prompt.</p>	Object	Mass (kg)	1	15 kg	2	25 kg	3	32 kg	4	18 kg	<p><b>RELATED ARTS</b></p> <p>Choose one of the following.</p> <p>Name an item that is scarce. In two paragraphs describe how you would work to combat the scarcity of this item in our community.</p> <p>Or</p> <p>Choose any business and answer the following three questions:</p> <ul style="list-style-type: none"><li>• What goods and services are produced?</li><li>• How are the goods and services produced?</li><li>• What needs and wants are satisfied by the goods and services in which the business produces?</li></ul>
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