



Student Learning Experienced Differently  
Cumberland County Schools' Non-Traditional Instruction Program

## SLED DAY #6—GRADE LEVEL: 11

A TOTAL OF THREE ACTIVITIES SHOULD BE COMPLETED.



<p><b>STUDY ISLAND</b> Log in to Study Island using the username and password provided in your SLED packet and complete “11<sup>th</sup> Grade Sled Day 6” under My Classes.</p> <p><b>OR</b></p> <p>Log in to CERT using the username and password provided in your SLED packet and complete one Reading Quiz and one Science Quiz.</p>	<p><b>ENGLISH</b> There is a saying that you should be careful what you wish for because you just might get it. Describe a time when you wished for something and got it – and then wished you hadn’t. Write at least a half page on a separate sheet of paper.</p>	<p><b>SOCIAL STUDIES</b> Thomas Jefferson and his supporters believed that a Bill of Rights was absolutely crucial to the protection of liberty. Do you think this conclusion has proven to be correct? Use examples from history or from the present to show your reasoning. Write at least a half page on a separate sheet of paper.</p>
<p><b>MATH</b> Write a paragraph explaining your answer on a separate sheet of paper.</p> <p><b>Question 1:</b> What is the x-coordinate of the point in the standard <math>(x,y)</math> plane at which the two lines <math>y = -2x + 7</math> and <math>y = 3x + 3</math>?</p> <p><b>Question 2:</b> The length <math>L</math>, in meters, of a spring is given by the equation <math>L = \left(\frac{2}{3}\right)F + 0.05</math>, where <math>F</math> is the applied force in newtons. Approximately what force, in newtons, must be applied for the spring’s length to be 0.23 meters?</p>	<p><b>SCIENCE</b> John Smith has been hired by the city of Virginia Beach to investigate the recent shark attacks off the resort’s coast. He has a budget of \$40,000, a 25-foot boat, and three graduate student assistants to help him. A helicopter has also been donated by a location television station, should he need one.</p> <p>On a separate sheet of paper, list 2 hypotheses John and his crew may come up with for the recent shark attacks in the form of an “if...then...” statement. What materials will John need to perform his experiment?</p>	<p><b>ELECTIVE</b> Name 5 positive and 5 negative work habits. On a separate sheet of paper, describe the impact of those work habits on keeping a job.</p>

# Activities Based on Student Prior Knowledge

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