



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

SLED DAY #4—GRADE LEVEL: 9.
A TOTAL OF THREE ACTIVITIES SHOULD BE COMPLETED.



<p>SPANISH I Complete 200XP on Duolingo. (If you are not enrolled in Spanish I, this assignment is not an option for you.)</p>	<p>ENGLISH On a separate sheet of paper, write a letter to yourself with the intention that you'll be reading this again at the end of the school year. Think about your goals, where your head is now, and where you hope to be in 10 months. Your letter should be at least one page.</p>	<p>SOCIAL STUDIES</p>  <p>Would you prefer to live 100 years ago and be a British Lord or Lady with a huge estate, enormous mansion, and a dedicated staff, or would you prefer to live now and have your own life? Explain your choice.</p>  <p>Write a half page on a separate sheet of paper.</p>
<p>MATH On a separate sheet of paper, write a paragraph explain your solution step-by-step.</p> <p>Question 1: Evaluate the following: $2x^2 + (2y)^2$ for $x=4$ and $y=3$.</p> <p>Question 2: If $x = -5$, what is the value of $\frac{x^2+1}{x^2} - 1$?</p> <p>Question 3: If $x = 15$, $y = -3$, and $z = -2$, what is the value of $\frac{x-y}{yz} + x$?</p>	<p>SCIENCE On a separate sheet of paper, graph your heart rate. Sit still for 5 minutes. Measure your heart rate by counting your pulse for one minute. Record your results. Walk an average pace for one minute. Measure your heart rate and record your results again. Jog for one minute. Measure and record your heart rate. Graph your results.</p>	<p>TECHNOLOGY Log in to Study Island using the username and password provided in your SLED packet and complete "9th Grade Sled Day 4" under My Classes.</p> <p>OR Log in to CERT using the username and password provided in your SLED packet and complete one Reading Quiz and one Science Quiz.</p>

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Activities Based on Student Prior Knowledge