

English Assignments to be completed by Friday, January 27

After reading chapter 6 in *Alice in Wonderland*, write the following in your English notebooks, under unit 3:

- one paragraph in which you analyze either a symbol, theme or character (or all three)
- one paragraph in which you make a connection to something outside of the story
 - Example: The theme “change and adaptation” connects to what we’ve been studying in history, when people and organisms have to change and adapt with their environment in order to survive. (Note: One paragraph equals 7-10 sentences.)

Rapid Problem Solving Project

Task: Working with a partner or individually, you will explore the idea of **inversion**, and see how it applies to both *Alice in Wonderland*, and the “real world.” First, discuss how inversion works in *Alice in Wonderland*. Find 3 examples and write them in your notebooks. Then, discuss how the idea of inversion works in other subjects, such as math, geometry, music, science, etc.? Brainstorm as many examples as you can think of. Choose your top 3 examples. For each example, write:

- one paragraph explaining how the idea of inversion works in this particular subject.
- a visual or symbolic representation of your idea
 - For example, if you’re showing how the concept of inversion works in math, you will need to write out the equation and explain how it works.
 - Example: Multiplication is the inverse of division.
 - The equation $5 \times 4 = 20$ can be expressed, inversely as $20 / 4 = 5$.

Note, this “rapid problem solving project” is meant to be done in a relatively short amount of time, however, it may also require a bit of research and discussion with your family. The project is due Monday, January 30.