

Day 8: Compare and Contrast Essay

English Language Arts

Now let's begin to look at how your Compare and Contrast essay will develop.

Look at the specific instructions for the essay.

Layout of a 5 paragraph essay: *Included 5 paragraphs with 5-7 sentences each. The use of capitalization and punctuation is essential to make complete sentences. Appropriate grammar and sentence structure ensures the audience will understand your writing.*

Complete this section:

Questions to consider when researching your chosen roller coasters:

- How old is each rollercoaster?
- The description of rollercoasters.
- How have the roller coasters developed over the years?
- Which rollercoaster is the most popular roller coaster?
- Which one do you prefer and why?

Introduction - Introduce topic and create thesis statement (summary of the essay)

(You already have your topic. **Kennywood Rollercoasters - Pick your 2 favorite coasters.**

Don't forget that you can use your information from social studies, Math, and science to help you.)

Day 8: Scientific Method

Science

1. Finally let's apply the scientific method to make Kennywood Park the best park ever!!
2. Think about being at Kennywood and write down 3 problems that you have observed (examples: lines too long, litter, more food options).
3. Now come up with a hypothesis, an educated guess to solving one of the problems! Use all the steps of the scientific method.

Scientific Method:

Ask a question

Gather information and observe

Make a hypothesis

Experiment and test your hypothesis

Analyze your test results

Present a conclusion

Problem:

1. _____

2. _____

3. _____

Hypothesis to solve the problem:

1. _____

2. _____

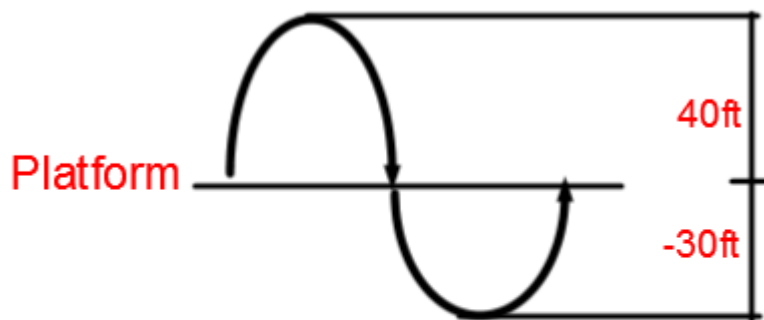
3. _____

Day 8: Jack Rabbit Absolute Value

Math

The students will be shown how to find the drop of the Jack Rabbit by adding the absolute values of the height above the platform and depth it dives below it.

Example 2: The Jack Rabbit has a top speed of 45mph that is created from a drop with a top elevation of 40 ft above the starting platform and a low elevation of 30 feet below (-30) the starting platform. Determine the length of the drop to get the Jack Rabbit to its top speed by adding their absolute values.



$$|40| + |-30| = 70$$

Answer: _____