

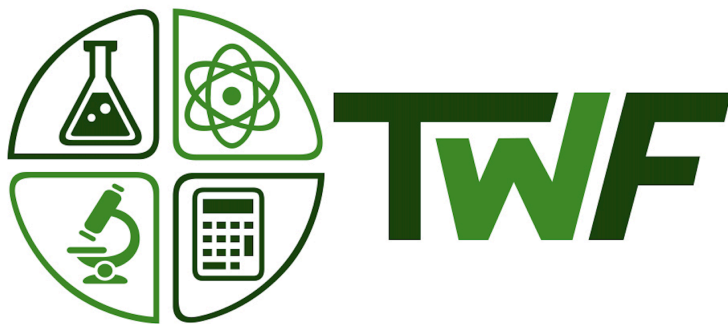
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In this sample you'll find a portion of the PBL you're interested in.

What you won't find is the:

- complete instruction set
- the answer key
- important things to look for in student responses
- teacher tips and tricks

If you have any questions, please send me an email – devon@teachwithfergy.com



<https://www.teacherspayteachers.com/Store/Teach-With-Fergy>

Designing a New Ride

Purpose: You are a designer at a large theme park working on creating a new slide ride to put into your park. They have asked you to design a prototype for the slide ride, including a **THIS SECTION OF TEXT HAS BEEN REMOVED FROM THIS PREVIEW**

Materials:

- Ramp (made of a plank of wood and a small length of hot wheels track attached to it and hanging off the edge). If you don't have the hot wheels track, you can tape sturdy paper to the end of the piece of wood. Anything that allows the slide to gradually "curve" to a flat surface will work.

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Your Task:

Only one formal lab report is required per group! Your lab report must include:

- 1) What did you name your ride? What is the theme? How can you promote this ride?
 - a) Ideas to consider: Price, "thrill factor", relevance to current movies, etc
- 2) What equipment did you use
- 3) Clear and detailed procedures - what exactly did you do? How did you set up your prototype? How does it work?
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For all research, make sure to cite your sources!