

**Lesson 2: Using Drawings to Record and Build**

1. What parts of the technical drawing might make it easy for you to build this vehicle? What parts might make it difficult?
2. How does color help a drawing?
3. Why would it be important to use a technical drawing if you wanted to build 100 copies of the same vehicle?
4. What is a blueprint?
5. What is a scale drawing?
6. Attach your summary of *The Race That Wasn't Run*. Use complete sentences.

**Lesson 3: Pulling a Vehicle (Looking at Force)**

1. What caused your vehicle to move?
2. Did the vehicle move differently when you changed the weight? Why do you think this happened?
3. What made the vehicle stop moving each time?
4. Why did you use the bookend? Did you need it each time? Why or why not?

Number and Size of Washers	Observations About How the Vehicle Moved	Ranking the Speed (1=slowest, 5=fastest)
1 small washer		
2 small washers		
4 small washers		
8 small washers		
16 small washers (1 large)		