On Track Learning Lab: Egg Drop to Test Barrier Design

1.	Before using any of the materials, brainstorm design ideas, write down ideas or
	draw a design in this space.

2. List the materials you use:

- 1. egg
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7.

3. When you have completed your barrier design, describe it or draw it.

4. What are two design features that your group incorporated to keep the egg safe?
5. How many drops did your egg survive before it cracked?
6. Describe the injuries to your egg. A combination of a written description and drawn pictures would be a good way to accomplish this task.
7. In comparing different designs in your class, what did you notice about the barrier designs where the egg drop was the most effective?
8. What did you notice about the barrier designs where the egg drop was the least effective?
9. If you were to make two changes in your design, what would they be?
10. Where else in your life do you see barriers that are designed to lessen or eliminate injury?

Name _____