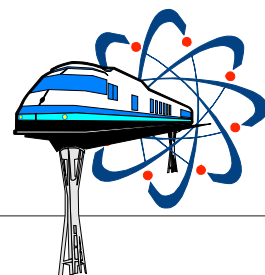


NAME: _____

CLASS: _____



Mag-Lev RESEARCH

Step 2 Research the need or the problem

10 points each

1. How does Magnetic Levitation work? _____

2. List 3 ways Magnetic Levitation used for transportation _____

3. What is a transportation system? _____

4. List the subsystems of a Magnetic Levitation transportation system
Structure: _____. Propulsion: _____
What makes the train levitate? _____
How do people get on and off the trains? _____
What controls the train's movement? _____
5. List two advantages that Mag Lev trains have over traditional fuel-burning trains? _____

6. If a person wanted to ride on a Mag Lev train, where could he/she go (what city)? _____

7. List at least two concerns that would arise in order to build a Mag Lev train here in Boston.

8. List at least two positive outcomes of building a Mag Lev train in Boston? _____

9. List at least five different types of transportation methods used in the world. _____

10. What four forces are always acting on any object that is moving?
 1. _____
 2. _____
 3. _____
 4. _____