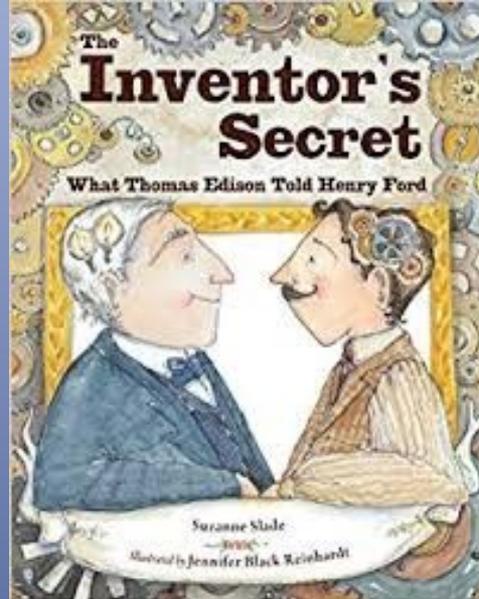


Balloon Powered Cars



What is technology?
What is an engineer?



Who is Henry Ford and Thomas Edison?
What made them so successful?

Part 1

Wheels and Axles

Concept:
Simple Machines

Students complete the EDP for the wheel and axle.

Concept 2

Body Design

Concept:
Friction- How does surface and mass affect the ability of the car to travel?

Students complete the EDP for the

Concept 3

Powering the Car

Concept:
Air Pressure and Forces

Students complete the EDP for the placement of the power source.

Design a Balloon Car



1. Brainstorming Ideas and Collaboration



3. Building Time

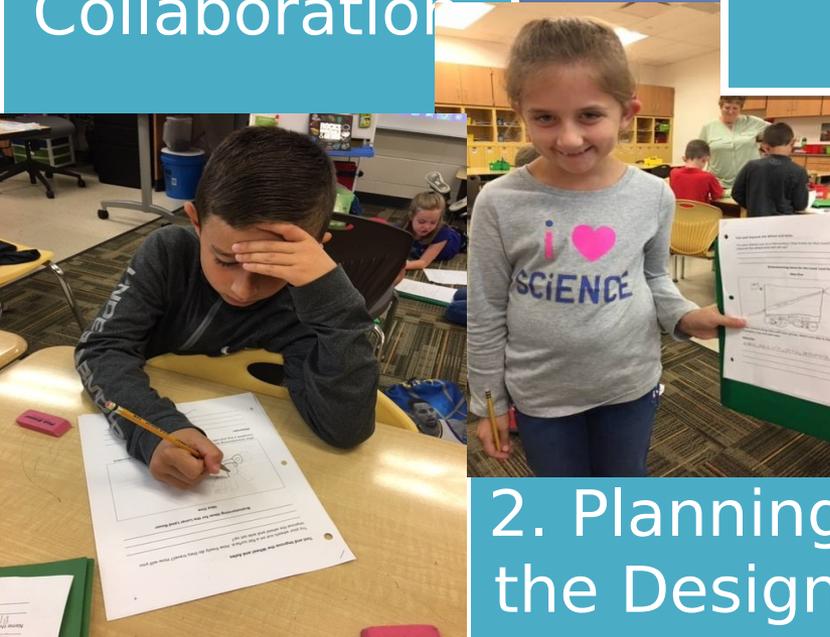
Criteria

1. Go three feet and in a straight line.
2. Must be powered using one 12 in. balloon and straw.

4. Testing and Improving



5. Evaluate and Share



2. Planning the Design

