

Name \_\_\_\_\_

## Invention Challenge

Hello Families,

The students and I have been studying technological changes throughout the century using a timeline. The timeline tells a story about how new inventions affect cultures and events in history.

I am presenting *2 challenge tasks* for your child and family.

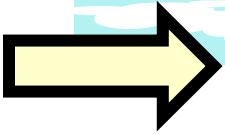
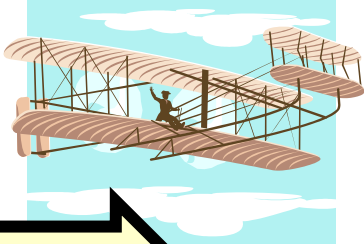
Do #1 Task first and have ready for your assigned day next week.

Team 1,2 due on Tuesday

Team 3, 4 due on Wednesday

Team 5,6 due on Thursday

Team 7,8 due on Friday



(Be thinking about #2 Task and I will assign it due in 2 weeks from now.)

### #1 Task Interviews

1. Interview 4 people in your family. Choose from different generations.

A. What invention stands out as the most meaningful invention to each person?

B. Why was this invention so meaningful?

2. Place the 4 inventions on a timeline and label all parts (title, dates, invention pictures, family pictures). Make it colorful, informative, and interesting. Use the paper I provided.

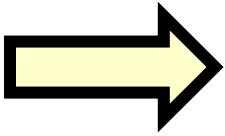
3. Be ready to present your timeline and *tell the stories* about the invention choices. 5 minutes

**Rubric:** How did you do? Score yourself first, and then I will score your efforts.

	4	3	2
Family interviews	Interviewed 4 people from 3+ different generations	Interviewed 3 people or included 2 generations	Interviewed 2 or 1 person
Inventions	Explained the invention choices and why important to that person with stories.	Explained inventions without the importance or stories.	Little explanation of the inventions
Timeline	Neat, clearly labeled with title, dates, inventions, pictures	Mostly neat with most labels	Lacking neatness and labeling
Presentation	Spoke clearly, eyes on the audience, spoke to the timeline with passion and enthusiasm	Spoke softly, eyes may be down, spoke somewhat to the timeline	Hard to understand your words or timeline

Name \_\_\_\_\_

**Be thinking** about this assignment due the week of Feb 7 to Feb. 10 (app. two weeks from now). Your child will present their invention to the class during class time then set up a display and present to parents during Curriculum Night (Feb. 10)  
I will resend this #2 Task out next week.



## #2 Task Think like an inventor

We have been learning about individuals who invented technologies that helped solve problems for people. We have learned that inventors identify a problem, use what they know to create an invention to solve the problem, make a model, try it out, and then find ways to make the invention better. Some inventors find ways to sell their invention and create businesses.

1. Use the graphic organizer to create an invention that you think would solve a problem.
2. Create an advertisement for the invention using the paper I provided.
3. Build a simple model of the invention.
4. Be prepared to talk for 5 minutes to all points of the plan.

### **Graphic Organizer:**

Fill it out and return it on your presentation day.

(To be assigned next week)

Identify a problem that your invention will help solve.	Name your invention and describe what it can do.
Who would use your invention and how would it help them?	List the materials needed to build your invention.

Name \_\_\_\_\_

### **Rubric:**

How did you do? Score yourself first, and then I will score your efforts.

4

3

2

Graphic organizer	complete	Some missing	Little information
Advertisement	Colorful and convincing	Either colorful and not convincing or convincing but not colorful	Neither colorful nor convincing
Model	Creative	Attempted	Little effort
Presentation	Spoke clearly, eyes on the audience, spoke to the invention with passion and conviction.	Spoke softly, eyes may be down, spoke somewhat to the invention	Hard to understand your words or timeline

Since the advertisement will be the backdrop for your Curriculum Night presentation, it is important to make it stand out.

As a class, we have been learning about advertisement strategies. Try one or two of them out in your advertisement.

- Some of the more popular ways to advertise products include: testimonial, celebrity, bandwagon, catch phrase/song, and words that really don't say anything!

**Have fun with your invention and the advertisement.**

