



Welcome to Collaboration Project #3: MAA Grade 6 Inventors' Workshop

Dear Parents,

As the saying goes, "Necessity is the mother of invention." The most valuable inventions are born from an inventor's commitment to solving a nagging problem. In this third collaboration project, we have moved from our previous role as entrepreneur, motivated by profits, to the role of inventor, dedicated to improving life in some way.

As you probably already know, students have been working hard to create an invention that solves a problem. Student have been developing their ideas and should now be **finished the first prototype of their invention**.

Here are some **reminders for students** as we approach 'crunch time' for this project:

- Your invention must be NEW (do a google search to be sure) or have a twist/improvement on an existing invention. (If you're still stuck or need to start over: Think about your own life and daily experiences, your access to particular resources or materials and what problem you might be personally interested in pursuing.)
- Be ready to fail! You need to test and improve your prototype **at least once** before the project is complete.
- Take pictures or sketches of your process and document your 'journey' in your provided **sketchbook/carnet de croquis**.
- You need a **trifold project board** and a **printed report** that clearly describes the following elements of your project: Initial Problem; Material Required; Procedure for Creating your Prototype; Tests/Data/Evidence/Photos/Observations/Changes Made; Conclusion (that references your initial problem and your journey through this project). Your sketchbook/carnet de croquis will help you with this. Also, we have some boards that can be recycled at the school too.
- Projects are due Wednesday, March 13th, 2018**. We will host a MAA Inventors' Exhibit and participate in ASDN's Discover 2019 and STEM Fair. More details to come.

See back for required signature→

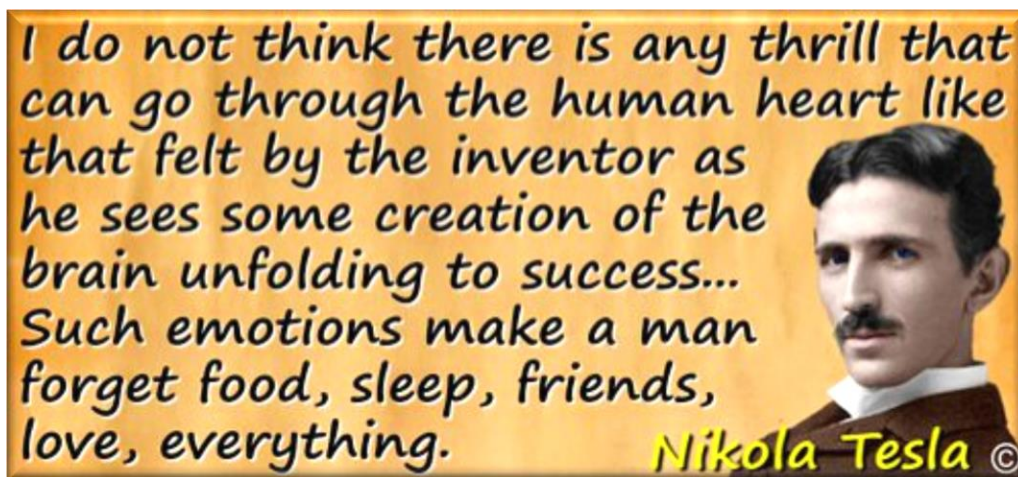
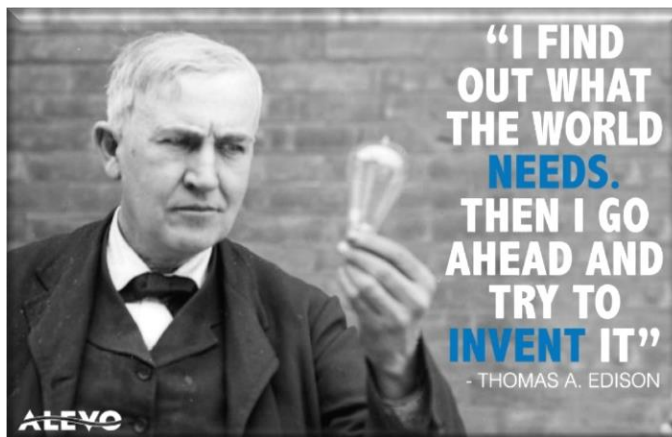
Student Name: _____

Project Name: _____

Parent Signature: _____

We are very excited to see what sort of inventions our super-talented grade 6 students will WOW us with in this project!

Ms Bell, Ms Perry & Ms Barrieau ☺



An inventor fails 999 times, and if he succeeds once, he's in. He treats his failures simply as practice shots.

— Charles F. Kettering