

Dear Families,

Each year, the STEM Kindies get the opportunity to create their own invention and present it to the **US Patent and Trademark Office**. Due to current circumstances, we are making the Innovation Presentations **optional** this year.

Process: Each student creates their own [Inventor's Notebook](#). They start by identifying a real problem in their daily lives. Then they design an invention they will use to solve their problem. Next, it's time for each student to build a prototype to use in their final presentations to the US Patent and Trademark Office in May.



Timeline:

4/20-4/24 - identify problem and possible solutions

Zoom with Inventor Mr. Ian Bernstein 4/21/20 at 11:00

link to join meeting: <https://zoom.us/j/98744305003>

4/27-5/1- design invention and think about how it works

5/4-5/8 - design and build prototype for presentation

5/11-5/15 - prepare and practice for presentations with US Patent and Trademark Office



Expectations: If your child plans to present, please help your child at home to work on the assignments in their Inventor's Notebook each week. Then help them build a prototype that looks like their invention, or a prototype that works like their invention. For example, a cardboard robotic vacuum that looks like their invention, but does not function. Or if they want to show how the invention works, children can create a functioning prototype. For example, if their invention is snow shovel shoes, they should attach something to their shoes that resembles a snow shovel so they can wear them for the presentation.

Independence: Please refer to your child's Inventor's Notebook for their designs and ideas. This should be completed by your child, so they are able to explain their ideas during their presentations. Also, please do not feel the need to buy any materials, these prototypes should be made from items you have around the house already.

We look forward to another great year of innovation!

STEM Kindie Teachers, Ms. Croghan, Mrs. Gomez, Ms. Murillo, and Mrs. Thatcher



