

Fairhill Elementary's **Virtual** Innovation Fair: Changing the World through Creation

Your child is invited to take part in Fairhill's Innovation Fair, an exciting event that encourages students to think like young global problem-solvers. During the next few weeks your child has the opportunity to create an innovation that will solve a problem facing their neighborhood, community or world. There are no limitations or guidelines regarding your child's submission. Students have the freedom to submit a design that reflects their concerns facing our planet today and how they can change the world through their creation.

All of the work will be completed outside of school. We ask that you encourage your child and monitor his or her progress along the way. Your support is the key to a successful project. However, guide your child whenever and wherever you can, but let the final project reflect your child's individual effort and design.

Things to know:

- Innovation Fair is open for all students and is voluntary.
- Every child is encouraged to participate!
- Participants can be individuals or teams (not necessarily in the same grade).
- No registration forms this year.
- Sharing of projects will be through **Flipgrid**. Students can access Flipgrid to record by clicking this join code: <https://flipgrid.com/bc374050> and signing in using their @fcpschools.net gmail account.
 - Students who share their project on Flipgrid must have their Digital Resource Parent Consent form completed this school year. [More information can be found on our website.](#)

Timeline:

- **Wednesday, January 27th** - Students can begin brainstorming and working on their innovations!
- Innovations should be recorded on Flipgrid no later than **Wednesday, February 24th**. **Include name and grade in the title.** Student recordings will remain hidden until February 26th.
- **Friday, February 26th** - Flipgrid Innovation Fair will open for school-wide viewing and remain open for families to view.

The Engineer Design Process:



Ask: What is the challenge? What are the limits? How can you solve it?

Imagine: Find out what others have done. What are new possibilities? Gather materials and play with them.

Plan: Think up lots of ideas. Pick one and make a plan. Make a drawing or a model.

Create & Test: Use your plan to build your idea. Try it out! Test your ideas.

Improve: Think about how your design could be made better. Modify your design and try again.

Please contact your child's teacher or Kaleigh Hartman at kkhartman@fcps.edu with any questions you may have.