

Egg Drop Activity

Over the next few weeks in science class, we are going to be studying the engineering design process, which is a continuation of our scientific method unit we started the year with. Students will learn how to plan, build, rework, and finalize devices for humans to use. They will be doing several smaller activities in class that show them how to use the process. One activity that is included is the egg drop activity.

The goal of the egg drop activity is for students to use the design process to design and build a device that will protect an egg from a two story drop. The creation of the egg drop device must be done at home.

The following are the requirements for the egg drop activity:

1. They can use any material they want to build the device, but they should be creative. While they may use premade packing material, like Styrofoam peanuts or bubble wrap, it is discouraged and they will not receive full points for creativity for using it.
2. The egg must be contained in a snack-sized zip lock bag inside of the device, or the entire device must fit inside of a gallon sized zip lock bag.
3. The egg must NOT be hard-boiled or altered in any way.
4. They must bring the device, including the egg, zip lock bag, and any packing/building material used, to class on **Friday, May 31st**.

On that day we will be completing a lab in science class to see who has designed a successful egg protector. Fingers crossed they are all successful!

If you have any questions, please do not hesitate to contact us. Our emails are:

Ms. Knapp: cknapp@monroecatholicschools.com

Mrs. Byron: byron@monroecatholicschools.com

Thank you,

Christie Knapp and Amanda Byron