



#KPSLovesSTEM



We know you love completing STEM (Science, Technology, Engineering and Maths) challenges in school....so why don't you try some of these STEM activities at home.....

Egg Drop Challenge

Protect an egg from harm! Using a variety of materials or supplies on hand, design, build, and test a contraption that will protect an egg from breaking when dropped from a specific height.

Supplies: Eggs, recycle bin items, and any other simple supplies on hand like bubble wrap, tissue paper, or straws.

Tips: Start by choosing a specific height to drop the egg from and use the same height each time. To reduce mess, incorporate zip top bags into the design process.

Build An Unsinkable Boat

Build a boat that floats and can't be sunk! Using recycled items and supplies from around the house, build boats that will float in a tub of water. Take it a step further and build a boat that will hold a specific object such as a soup can!

Supplies: Tub with water (or bath), supplies to build boats, items to test flotation

Tips: Make sure to choose an item to test flotation that you have enough of or that all weigh the same and are the same size! Think of pennies, soup cans, large wooden blocks, small wooden cubes, etc.

Try some online Science and Maths Games for P1-7.....

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Tweet photos of your STEM achievements to @KilmacolmPS and don't forget to use the hashtag #KPSLovesSTEM