

STEM Exploration

STEM represents the following areas of education: Science, Technology, Engineering and Mathematics.
Participate in STEM in your home as a family!

SCIENCE

- Place white flowers in colored water and watch how they soak up the hues.
- Make homemade ice cream in a bag: shake salt, ice, cream, and sugar vigorously until the consistency is right, then enjoy.
- Drop **POP ROCKS** into a bottle of soda and then place a balloon onto the opening to watch it inflate.
- Microwave **Ivory** soap (or any soap that floats) to create a bizarre puffy soufflé.

TECHNOLOGY

- Create a Family Facebook Group where you post stuff about family members.
- Make a funny video together and have your child show you how to edit it in a program like **iMovie**.
- Create a song together mixing different instruments with applications like **Garage Band**.

ENGINEERING

- Create a flag using **LEGO** pieces.
- Engineer and explore very unique forts.
- Experiment with a homemade marble run made from recyclables.
- Challenge the kids with mystery engineering bags.

MATHEMATICS

- Go on a math scavenger hunt (grab one from **Pinterest** or make one up on your own).
- Put a bunch of items in a jar and estimate the quantity. Count them together.
- Play a math game like **Tenzi** or **Farkle** which only require dice.