

FAMILY ENGAGEMENT

Exploring the Wonders of Science Together

Make science accessible, fun, and engaging for families to learn and play together!

Activity:

Engage children and their families in exciting, hands-on science activities that spark curiosity and teamwork. These activities can be done during a family event at school or at home.

How It Works:

- **At School:** Set up science experiment stations for families to explore together during a family event.
- **At Home:** Share simple experiments families can try at home with easy-to-follow instructions.

Science Experiment Ideas:

- **Volcano Eruption:** Use baking soda, vinegar, and food coloring to make mini volcanos.
- **Sink or Float:** Test object in water to see which ones sink or float.
- **Rainbow in a Jar:** Explore density by layering colored liquids (honey, water, oil) in a jar.
- **Build a Bridge:** Use popsicle sticks, paper, and tape to design a bridge that holds small weights.

Questions to Spark Discussion:

- “What surprised us about this experiment?”
- “What do you think would happen if we changed something in this experiment?”

Enhancements:

- **Experiment Booklet:** Provide a take-home booklet with fun experiments like:
 - Color Changing Flowers: Place white flowers, like carnations, in colored water and watch the petals change.
 - Dancing Rice: Add baking soda and vinegar to water with rice and watch the rice “dance.”
- **Online Resources:** Share links to child-friendly science sites like:
 - [58 Simple and Fun Science Activities for Preschoolers](#)
 - [50 Science Activities For Preschoolers - Little Bins for Little Hands](#)