


ENGAGING CHILDREN

WITH

STEM EDUCATION



Science Technology Engineering Mathematics

Science
Technology
Engineering
Math

1. Talk about STEM.

Bring STEM into the conversation daily whether directly or indirectly. The goal is to allow children to become comfortable with SCIENCE, TECHNOLOGY, ENGINEERING, and MATH.



2. Implement STEM in daily life.

- Cooking and baking
- Playing musical instruments
- Using a computer or smart phone
- Gardening
- Fixing or building items
- Shopping
- Solving problems
- Performing experiments



3. Explore for STEM.

- Find examples of STEM while exploring nature or visiting museums.
- A simple walk outside allows children to collect items, count, and examine.
- Science Museums commonly have interactive exhibits.
- History Museums illustrate examples of early engineering and science.
- Zoos and Aquariums present nature and animal behaviors.

4. Gather STEM-related gear.

Introduce items that help children apply STEM skills. Always be aware of age limitations and safety.



- Telescope
- Microscope
- Magnifying Glass
- 3D Puzzles
- Calculators
- Terrarium
- Gears
- Eyedroppers
- Scale
- Weights
- Science Experiment Kits & Books

SOURCES:

<https://scienceexplorers.com/getting-kids-interested-stem/>
<https://www.fix.com/blog/getting-kids-involved-in-stem/>

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