

National PTA®

**STEM**  
**+FAMILIES**



## STEM Today:

### 1. STEM is all around us.

When we cook, play sports or tap our feet to music, we are seeing STEM in action. Today, you saw several examples of how engaging and fun math can be for both students and family members.

### 2. Your student can have a rewarding STEM career.

People in STEM careers get paid well to do things they love. Not all of these jobs require a four-year college degree. The games you played today involved concepts that are important to accountants, architects, forensic scientists and computer coders!

### 3. Now is the time to start thinking about a future in STEM.

The classes your student takes today will matter tomorrow. You can help them stay on track. Classes such as Algebra, Computer Science and Engineering can help prepare your student for a career in STEM.

### 4. Today's learning objective:

Today you learned how to work with numbers and fractions, create new designs and think about probability.

### 5. 21st-century STEM skills you practiced today:

- Problem Solving
- Creativity
- Critical Thinking
- Communication and Collaboration

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## STEM Tomorrow:

An interest in math can drive an exciting career path! We hope this event has ignited your student's drive towards a future in STEM. You can keep their motor running by trying some (or all) of these activities at home.

### 1. Point out that STEM is everywhere.

Cooking is a delicious way to sneak in some STEM education—have fun together while measuring, counting and (for older kids) talking about the chemistry of food. Or, ask your student to read the manual for you while you put together a piece of furniture or set up your home Wi-Fi network. Make the connection between these everyday activities and STEM classes and careers.

### 2. Play a family game.

Many of your student's favorite board and video games feature STEM concepts: Rush Hour, LEGOs, Jenga, Minecraft and Angry Birds are just a few!

### 3. Take your child on field trips.

Make your next family day a STEM adventure. Spend a fun day together at a nearby zoo, science museum, children's museum, Maker Faire (MakerFaire.com) or visit the National PTA website for resources on how to find [STEM-specific events](#).

### 4. Connect with STEM professionals.

You may have friends or family members working in STEM careers. Ask if you and your student can arrange a job shadow and visit their workplace. Talk to them about what classes they took in school to get where they are.

### 5. Visit [PTA.org/STEM/Resources](https://www.pta.org/STEM/Resources)

Check out other cool STEM projects and activities that you can do as a family!