

## STEM Backpacks for Kids

STEM Backpacks for Kids is a heart-warming, charitable, team-building program devoted to promoting the importance of education in the fields of **S**cience, **T**echnology, **E**ngineering, and **M**athematics.

The program begins with a fun, high-energy icebreaker that will have your group laughing, celebrating, bonding, and readying themselves for the fun and rewarding experience ahead. Teams will engage in a series of activities and challenges to earn visits to the STEM store to find items for inclusion in the kids' backpacks. Participant challenges and activities can include:

**iPad® Challenges:** Are you smarter than a 5th Grader? Have fun answering questions, and problem-solving activities related to STEM.

**MakeDo® Kit Construction:** MakeDo is a “fasten-ating” cardboard construction system that teams will use to engage in a competition to build and test a given structure based on challenging guidelines.

**Electronics Discovery Kit:** Includes 30 parts, and instructions for over 100 projects, including working models of a photosensor, a flashing light, and an adjustable-volume siren.

The purpose of the **STEM Backpacks for Kids** donation is to give children, ages 5 to 10 years old, items that will spark their curiosity for experimentation while gaining an understanding of the importance of STEM to their future success. In recent years, it has become common to include Arts in the line-up resulting in the new acronym STE(A)M for this group of subjects.

Agencies across the country were consulted to identify the best items to include in **STEAM** backpacks. Examples include: Super Science Magnet Kits, Math Flash Cards, Electronics Discovery Kits, Calculators, Art Spirals Systems, Science Flash Cards, String, Balloons, Glue Sticks, Scissors, Rulers, magic cubes, the book *Awesome Experiments for Kids* by Crystal Chatterton and more!

Since you like this program, you may also consider [Virtual Jeopardy](#) as a remote option!

This program can be delivered as a [Hybrid Event](#).

## Program Details

**Group Size:**

30 to 1,000+

**Team Size:**

10

**Program Length:**

2 to 2.5 hours

**Space Requirement**

25 sq. ft. per person

**Setting:**

Indoor / Outdoor

**Physicality:**

Low