

## STEM Backpacks for Kids

**STEM Backpacks for Kids** is a heart-warming, charitable, team-building program devoted to promoting and emphasizing 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 student 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 strict 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 learning and experimentation while gaining an understanding of the importance of STEM to their future success. In recent years, it has become popular 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 **STE(A)M** backpacks. Examples: Super Science Magnet Kit, Math Flash Cards, Electronics Discovery Kit, Calculator, Art Spirals System, Science Flash Cards, String, Balloons, Glue Stick, Scissors, Paper, Tape, Ruler, Rubber Bands magic cube, *Awesome Experiments for Kids* by Crystal Chatterton and more!

## Clients Talk About this Program

"Our STEM Backpacks for Kids program was very organized by your lead facilitator who kept everything moving along at a good pace. The opening icebreaker was really fun and the iPad questions were challenging. Building structures with the MakeDo kits and working on the electronics projects took a lot of teamwork! I think our employees really enjoyed the activities and the charitable aspect of this event with the assembling and donation of the STEM backpacks."

Terra - ProfitSword, LLC

## 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