Design Squad

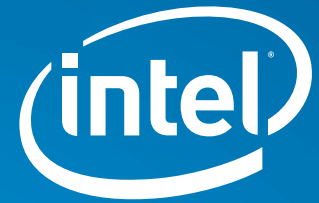## Get Kids interested in Engineering with Hands-on Interactive Projects

intel

Design Squad* is a reality TV show produced by PBS where kids compete in a series of engineering challenges. The top prize in the competition is a $10,000 scholarship. Intel Foundation's sponsorship of Design Squad cultivates an environment for kids to appreciate why engineering, math and science skills are important for their future success in the competitive global economy.

Design Squad shows kids that engineering can be fun, exciting and rewarding. The Design Squad approach to engineering shows kids how to apply their knowledge of math and science while using their collaborative, creativity and problem solving skills.

Educator's Guide

The Design Squad Educator's Guide, designed for use in informal education programs, provides in-depth instructions for four Design Squad activities targeted for 5th to 8th graders. There's even a version in Spanish. The guide includes teaching strategies, science and engineering concepts, and group management tips.

Order your Educator's Guide now: Request Materials*.

Hold a Design Squad Event

Share these engaging projects with your school, community group, or family by downloading the Design Squad Event Guide* (PDF, 2.6MB). Kids will learn the design process as they design a hidden buzzer, build a car powered by a rubber band, create a kinetic sculpture, and more.

In the guide, you will receive:

- A planning checklist
- Five reproducible activity sheets featuring hands-on engineering challenges
- Spanish language activity sheets
- Suggestions for the event set-up
- Tips for leading activities and working with kids
- Event signs for the Welcome Table, Challenge Stations, Video Station, and Testing Zones. Cast photo signs and a sign that displays the design process will also be available.
- Certificate of appreciation for event volunteers
- Iron-on transfer of Design Squad logo to create Design Squad T-shirts
- Event evaluation form

You can share the excitement of engineering by:

- Using the Design Squad to compliment your existing curriculum or after school program
- Following the Design Squad planner to hold a Design Squad event.
- Downloading the Intel Education *Design and Discovery* Curriculum to use as extension activities.

Visit www.intel.com/teachers for more free online tools and resources