

Exciting Girls about STEM

One Science Project at a Time



At Science Buddies, we know **girls can do anything and be anything**. All it takes is finding and engaging their passion. Our Topic Selection Wizard helps girls discover science projects they may especially enjoy based on their unique interests.

Science Buddies has more than 1,100 free science project ideas for K-12 students—and more than 16 million visitors a year. **More than half of the students who visit Science Buddies are girls.** We know that with the right projects and encouragement, girls find **all areas of science** inspiring and fun.



55% of the students who visit Science Buddies are girls



Sparking Interest with Science Buddies

We actively use site traffic patterns and data to better understand what motivates girls and to create **STEM projects that resonate with girls**.

Our scientists are making strides in developing materials to engage girls in all areas of science, including those traditionally favored by boys, like robotics, physics, electronics, engineering, and computer science.

The projects listed at right are examples of Science Buddies Project Ideas that captured the attention of girls last year.

Girls Find Projects They Love at Science Buddies!

- Butterfly Wings: Using Nature To Learn About Flight [aerodynamics]
Usage: **73%** female
Reach: ~**11,900** girls
- Electric Play Dough Project 1: Make Your Play Dough Light-up, Buzz & Move! [electronics]
Usage: **49%** female
Reach: ~**23,700** girls
- Staying Healthy with Personal Medicine Apps [computer science & medicine]
Usage: **62%** female
Reach: ~**1,530** girls
- Art Bot: Build a Wobbly Robot Friend that Creates Art [robotics]
Usage: **45%** female
Reach: ~**26,000** girls



www.sciencebuddies.org