

For those of you who enjoy doing science experiments at home, the following websites have great ideas:

www.sciencebob.com

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EXPERIMENTS SCIENCE FAIR IDEAS SCIENCE Q&A RESEARCH HELP VIDEOS EXPERIMENT BLOG ABOUT BOB

















EXPERIMENTS

WHY NOT TRY A FUN SCIENCE EXPERIMENT RIGHT NOW?

Here's list of great science experiments with instructions that you can do right at home or at school. In order for your science experiment to be safe and successful, be sure to:

- Get your parent's or teacher's permission, and their help
- Follow the directions as written

CLICK ON ANY EXPERIMENT TO VIEW IT.

 <p>Build A Hovercraft You Can Ride!</p>	 <p>Eggshell Geode Crystals</p>	 <p>Build A Soap Powered Model Boat</p>	 <p>A Density Experiment You Can Drink!</p>
 <p>MAKE YOUR OWN ROCK CANDY</p>	 <p>BUILD A FIZZ INFLATOR</p>	 <p>MAKE A LEVITATING ORB!</p>	 <p>BLOBS IN A BOTTLE</p>
 <p>FANTASTIC FOAMY FOUNTAIN</p>	 <p>Build a film canister rocket</p>	 <p>The Exploding Lunch Bag</p>	 <p>Make your Own Volcano</p>
 <p>Band Water With Static Electricity</p>	 <p>A Color Symphony</p>	 <p>Make a Paperclip Float</p>	 <p>Blow Up a Balloon with Yeast</p>
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CHALLENGE CARDS

ARE YOU READY FOR A CHALLENGE?

Can you skewer a balloon without popping it? Coat a nail in copper? What happens when you plug a clock into a potato?

DOWNLOAD CHALLENGE CARDS



Request resources



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Dyson engineers have designed these challenges specifically for children. Ideal for home or in the classroom, they encourage inquisitive young minds to get excited about engineering.

CHALLENGE 01

BALLOON CAR RACE

Make and race a balloon-powered car using just a balloon, a plastic cup, straws, thread and rubber bands.

Watch the video to see Dyson engineers supersizing their balloon cars to see if they can win the race.



CHALLENGE 03

MARBLE RUN

Cardboard. Sticky tape. Marbles. Can you build a run that keeps the marble going for at least a minute?

Watch the video to see how Dyson engineers have tackled the problem, including an impressive run made from Dyson parts.



CHALLENGE 04

CARDBOARD CHAIR

This challenge focuses on the principles of design and structure. Can you design and build a chair from cardboard, that's strong enough to support your weight?

Watch the video to find out more and see how Dyson engineers took on the challenge.

