



# WELCOME TO THE KIDS' SCIENCE CHALLENGE!

## OFFICIAL ENTRY APPLICATION

### Instructions

In the following pages, you will find information about the Kids' Science Challenge and the scientists and engineers who work with us. This document contains all the forms and instructions you need to enter our contest. But...the great idea is up to you.

### Parent/ Guardian Consent

Your parent/guardian **MUST** fill out the consent form that is included with the entry application. When you have completed both the consent form and the Entry Application please mail or fax them to the contact information on page 5. We encourage you to enter online. It's fast and easy. Click on "Submit Your Entry" at [kidsciencechallenge.com](http://kidsciencechallenge.com).

**The first 1,000 entries will receive free Science Activity Kits.  
Build a bird feeder and make a boat from rock paper and more!**

### What is the Kids' Science Challenge?

The Kids' Science Challenge is a free nationwide science competition for students in grades 3 to 6. Each year, the Kids' Science Challenge works with a group of expert scientists and engineers on 3 Science Topics. Kids learn about the topics and submit their own well-thought-out ideas or experiments to these scientists. Kids do not need to submit a completed project or experiment, just an idea for an project for a scientist to build or a problem for a scientist to solve. There is one grand-prize winner per topic. That student (or team) will visit and collaborate with the scientists in their research settings. There are also a wide variety of cool finalist awards in each topic.

### How do you come up with an idea?

Visit [kidsciencechallenge.com](http://kidsciencechallenge.com) to view videos on each of the science topics. Each topic has a dedicated page to help you create a one-of-a-kind idea. By clicking on the link you will find creative ways to come up with ideas. Be sure to check out our new Brainstorm section; just click on the "Step Two: Create Your Idea" button. Although drawings are optional, we encourage all entrants to submit a drawing. It's fun and it helps you and our judges to visualize your idea!

### What are the topics for this year?

- ZERO WASTE
- ANIMAL SMARTS
- MEALS ON MARS

Visit [kidsciencechallenge.com](http://kidsciencechallenge.com) for more information on each topic and other exciting activities, including videos, fun games, do-it-yourself science experiments and how to turn your Kids' Science Challenge idea into a Science Fair project!

## Can you invent a package that never ends up in a landfill?



The Earth is filled with garbage and a lot of it comes from packaging. It's possible to package our food, toys and other stuff without hurting the environment. To do that, packages need to be sustainable, or friendly to the environment. Sustainable packaging does not harm our world or use up the limited resources we have on Earth, such as water, air and oil. Zero Waste is about using the right materials to make the package, and then reusing or recycling the package once it's done its job. Learn how sustainable packaging can help save the Earth from drowning in its own garbage.

## Can you design a toy, game or experiment that enhances the life of a pet or zoo animal and demonstrates its particular intelligence?



Dogs who know over a thousand words, dolphins who can work together to plan new tricks, parrots who can think like a six-year-old child - humans are not the only intelligent animals. Animals show their smarts in many ways. They communicate, play, plan and problem-solve. Some can even recognize themselves in a mirror. Find out how much animals know and how you might help to keep their minds and bodies busy.

Can you come up with a new way to preserve, cook, deliver or sustainably produce food in flight or on Mars?

FOOD  
IN SPACE



Photo: NASA

Eating food is a lot more fun when it floats off your plate! If you think it was hard getting used to the food at sleep-away camp, imagine what the food is like when you're on the way to Mars. To prepare for space travel, food scientists must think about how to prepare and preserve food, how astronauts will eat in zero gravity, and how they'll dispose of food and human waste. Once they're on Mars, they'll need to know how to grow or produce their own food there. Learn more delicious facts about space food. You'll find out that it's out of this world.



## I have an idea. What do I do now?

Complete your Entry! You can enter the Kids' Science Challenge online by clicking on "Submit your Entry" at [kidsciencechallenge.com](http://kidsciencechallenge.com) or you can print, fill out, and mail your Entry Application to us at:

**Kids' Science Challenge**

**PO Box 919**

**Stone Ridge, NY 12484**

Or fax it to

**253-648-2253**

Please print your name and email clearly. If we can't read your handwriting, we won't be able to contact you if you win.

### How do you win?

The Kids' Science Challenge panel of judges is looking for a creative and well thought-out idea demonstrating what the entrant has learned about one of the science topics. Judges will be looking for: originality, do-ability, quality of the presentation of idea and how well the idea relates to the topic challenge. The questions or idea should demonstrate the entrant's grasp of the scientific principles associated with each topic. Judges also want to know how the entrant came up with his/her idea. We highly recommend including a drawing of the concept. You can visit [kidsciencechallenge.com](http://kidsciencechallenge.com) to see samples of winning entries as well as drawings in the Brainstorm section; click on the "Step Two: Create Your Idea" button on the top menu bar. Remember, you do not need to submit a completed project or experiment, just a really good idea for one.

### **If you win, what do you get?**

A grand prize is given to a winning student (or team) in each of the science topics. The grand-prize winner for each topic will win a trip to visit and work with a scientist or engineer to test their winning idea in a lab, workshop or research setting. There are many more prizes, so visit [kidsciencechallenge.com](http://kidsciencechallenge.com) to see the complete list.

The first 1000 entries will receive free Activity Kits. Build a bird feeder and make a boat from rock paper and more!

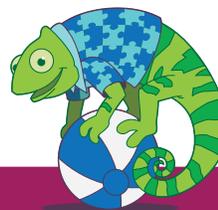
### **How do I fill out the Official Entry Application?**

You may enter in more than one science topic (Zero Waste, Animal Smarts, Meals on Mars), but you must complete and submit a new application for each entry. There is a limit of one entry per topic for an individual or team.

Students may enter as an individual or as a member of a team. Teams are limited to five members and may be formed in classrooms, after-school groups, or other community organizations. In case of a team entry, team members must work with a mentor to guide them through the team entry process. A mentor is a teacher, parent, or any helpful adult who can work with kids on their Kids' Science Challenge entries. Teams will work with their mentors to come up with a unique team name that must be included with the application. You may not enter as an individual if you are part of a team which has submitted an entry for the same topic. NOTE: In the case of a team submitting a winning entry, only 1 team member will be entitled to a Grand Prize and other team members will receive other prizes. See rules for details by clicking on "About the KSC" on the top menu bar of our home page. Team prize awards will be determined by the judges in consultation with the team mentor.

**Parent/guardian must complete Consent form**  
**Entry must be postmarked or faxed by February 29, 2012**  
**Winners will be announced on May 2, 2012**

If you have questions about completing the Entry Form please email [info@kidsciencechallenge.com](mailto:info@kidsciencechallenge.com). You can review the complete rules and regulations at [kidsciencechallenge.com](http://kidsciencechallenge.com). Click on "About the KSC" on the top menu bar of our home page.



## **What Do I Need To Enter?**

### **Entry checklist**

- **Completed Entry Application** (pages 1–4, drawing on page 3 is optional)
- **Signed parent/guardian Consent** (pages 5)







STUDENT NAME \_\_\_\_\_

## ENTRY APPLICATION

Page 3

Draw a picture that demonstrates your idea. This page is optional. You can see samples of last years drawings by visiting [kidsciencechallenge.com](http://kidsciencechallenge.com) in the Brainstorming section. Click on the "Step Two: Create Your Idea" button on the top menu bar.



STUDENT NAME \_\_\_\_\_

## ENTRY APPLICATION

Page 4

PARENT/GUARDIAN NAME \_\_\_\_\_

PARENT/GUARDIAN ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PARENT/GUARDIAN PHONE \_\_\_\_\_

PARENT/GUARDIAN EMAIL ADDRESS \_\_\_\_\_

**Student's Sex**  Male  Female

**Student's Grade**  3rd  4th  5th  6th

HOBBIES/CLUBS (optional) \_\_\_\_\_

NAME OF SCIENCE EDUCATOR \_\_\_\_\_

SCIENCE EDUCATOR EMAIL \_\_\_\_\_

This person will be presented a certificate for their hard work in helping you so please list the person you want to be recognized for their effort.

SCHOOL NAME \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**Team entries are limited to no more than 5 kids.** If entering as a team member, chose a team name and fill it in here (all members of the team must use the same team name). Each team member must submit a complete entry application that includes the team name and the name and contact information of the team mentor. Once a student joins a team, the student **MUST** enter as a team member.

NAME OF TEAM \_\_\_\_\_

If entering as a team, you need to have a team mentor, who may be an educator or parent.

NAME OF TEAM MENTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

SCHOOL (IF APPLICABLE) \_\_\_\_\_

How did you hear about the Kids' Science Challenge?

- |                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| <input type="radio"/> School     | <input type="radio"/> Other Internet Site _____ |
| <input type="radio"/> Friends    | <input type="radio"/> After School Group _____  |
| <input type="radio"/> Radio      | <input type="radio"/> Magazine _____            |
| <input type="radio"/> Homeschool | <input type="radio"/> Other _____               |



# PARENT/GUARDIAN CONSENT

## What does my parent/guardian need to do?

To download a copy of the complete rules and regulations please go to **kidsciencechallenge.com** and click "About the KSC" and then click "Contest Rules".

I have read the Official Rules and I understand that, by submitting this application, the entrant named above has my permission to participate in the Kids' Science Challenge under the terms and conditions stated in the Official Rules; and that the contact information listed above may be shared with third parties for the express purposes of prize and Science Activity Kit deliveries, or helping to evaluate and improve the Kids' Science Challenge. I will cause and permit the entrant to comply with his/her obligations as contained in the official rules. Finalists may be contacted by phone to verify their identities and the originality of their entries.

PARENT/GUARDIAN NAME \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

**Mail your Entry Application and parent/guardian Consent to:**

**Kids' Science Challenge  
PO Box 919  
Stone Ridge, NY 12484**

**Or fax it to:**

**253-648-2253**

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J I M M E T Z N E R  
P R O D U C T I O N S

KSC is a project of  
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Made possible by  
the National Science Foundation