

# FETCH!™ Patch

Part game show and part reality TV, FETCH! mixes live-action with animation and features real kids, real challenges, and an unreal animated host named Ruff Ruffman. In every episode, six contestants put their problem-solving skills to the test and earn points toward being crowned the FETCH! Grand Champion.

Give your Girl Scouts, ages 6-10, the opportunity to feel like FETCH! contestants by challenging them to earn the FETCH! Patch. The hands-on FETCH! activities on the following pages extend the science and engineering learning introduced during the show. Your girls will tackle challenges, solve problems, and devise creative solutions while doing hands-on activities that require easy-to-find materials.

## SPONSORED BY:

Girl Scouts of Eastern Massachusetts

## NUMBER OF ACTIVITIES TO EARN THE PATCH:

- Brownies:
- 2 science activities
  - 2 engineering activities
  - plus the community service component
- Juniors:
- 3 science activities
  - 3 engineering activities
  - plus the community service component

## NOTE TO LEADERS:

Before doing activities with kids, we suggest doing the ZOOMsci™ Training at [pbskids.org/zoom/grownups/scitraining](http://pbskids.org/zoom/grownups/scitraining). This easy-to-use, 40-minute online tutorial is designed to help you lead fun, meaningful, hands-on science activities with kids.

To order the FETCH! patch, contact the Girl Scout Country Store:  
**(781) 893-6293; [girlscoutshop.org](http://girlscoutshop.org)**



## Watch FETCH!

FETCH! with Ruff Ruffman is a daily TV show on PBS. Check local listings to find out when FETCH! is on in your area, and visit the Web site at [pbskidsgo.org/fetch](http://pbskidsgo.org/fetch).



FETCH! activities can be downloaded at: [pbskidsgo.org/fetch/parentsteachers/activities/index.html](https://pbskidsgo.org/fetch/parentsteachers/activities/index.html). Photocopy and distribute them to your kids.

## Science Activities

\* Activity sheets available in Spanish and English.

- \* **Ice Cream Shake:** Make ice cream and learn the science behind frozen treats.
  - Design A Flavor:** Invent an ice cream flavor and conduct a taste test. (Be sure to do Ice Cream Shake first!)
  - Eat Like A Bird:** Learn how a bird's beak type determines what it eats and where it lives.
  - Help Wanted!** Ruff has a knack for getting himself into trouble. Learn about exciting science careers while determining which scientist can help solve his problem.
- \* **Operation Espionage:** Make invisible ink and reveal a secret message.
- \* **Race for Survival:** Find out about predators and prey in this relay race.
- \* **Set It Straight:** Tinker with a tabletop see-saw and teach it a few new tricks!
- \* **Size It Up:** Turn a small picture into a gigantic one. Seeing is believing!
- \* **Throw Your Weight Around:** See how your body constantly adjusts so you can stay upright. Let's move it!
- \* **Toy Chemistry:** Mix up a gooey solid out of two liquids.
- \* **Train Your Brain:** Will this challenge trick you? Read words of colors or announce the color of the word. See how quickly you can retrain your brain!
- \* **Under Pressure:** Support a book with a sheet of paper? Give your paper a workout and make it stronger!
- \* **Whodunit?** Uncover the identity of a mystery powder.

## Engineering Activities

- \* **Float My Boat:** Load tinfoil boats with pennies to learn about floating and sinking.
- \* **Go Fly A Kite:** Build an indoor kite and learn what makes it fly.
- \* **Canine House of Cards:** Construct a paper building strong enough to support a dog biscuit.
- \* **Crazy About Kites:** Experiment with kite design to make the best-flying indoor kite.
- \* **All Wound Up:** Power a racecar with a rubber band? Yup! Ready, set, roll!
- \* **Blow It Away:** Make traveling a breeze with a vehicle that's part car, part sailboat!
- \* **Hang Time:** Build some whirlygigs and race them. The winner hits the ground last!

- \* **Rescue Mission:** Design a hook, retrieve a capsule, and carry it to dry land.
- \* **Stack 'Em Up:** Build a tower out of cups. Remember, the sky's the limit.
- \* **What Gives?** Build a suspension bridge and figure out how it's held up.

## community service component

Introduce one of the above activities to a group of younger children (another Girl Scout Troop, younger siblings, or neighborhood kids).

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For more information about FETCH! contact Margot Sigur, Outreach Assistant:  
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