

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.

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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. 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



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.



FETCH! activities can be downloaded at: 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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