feld membership cards

To make membership cards, photocopy this page. (Make color copies, if possible.) Then cut out the cards and fold them in half on the dotted line. Punch out the hole and attach a string so kids can wear their cards during club meetings.

At the end of the meeting, give kids an attendance sticker to put in the grid on the back of the card. Choose your own stickers or use ³/₄-inch round stickers, available at office supply stores. Have kids write the FETCH! points earned during that

session on the line below the sticker. Membership cards can get lost easily. Establish a place where kids can find them at the start of each meeting and return them when it's over.







Favorite Dog

Favorite Dog

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Points:	Points:	Points:
PLACE STICKER HERE	PLACE STICKER HERE	PLACE STICKER HERE
Points:	Points:	Points:

Points:	Points:	Points:
PLACE STICKER HERE	PLACE STICKER HERE	PLACE STICKER HERE
Points:	Points:	Points:
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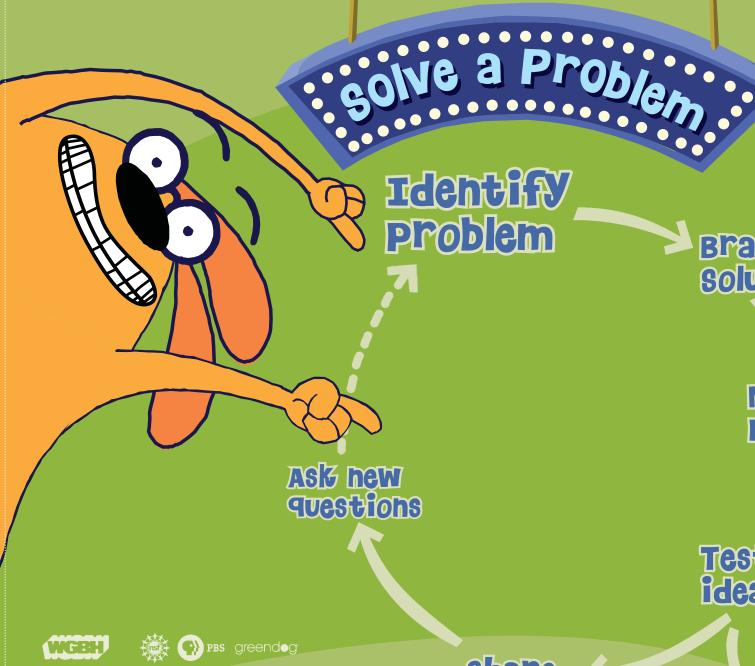
Points:	Points:	Points:
PLACE STICKER HERE	PLACE STICKER HERE	PLACE STICKER PLACE
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Page 1008



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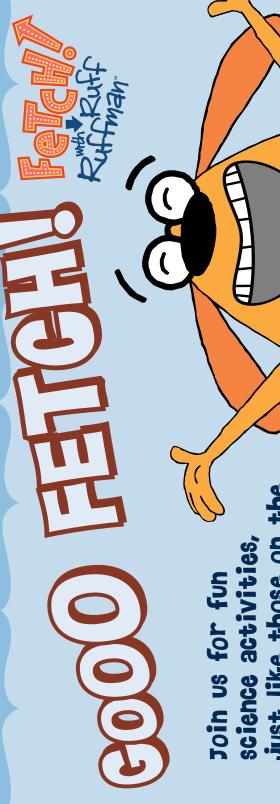


Brainstorm Solutions

> Make predictions

Test ldea

Revise



the PBS Show FETCH! With just like those on Ruff Ruffman!

Who?

When?

Where?

Info More









FETCH! Web site at pbskidsgo.org/fetch (check local listings) and visit the Watch FETCH! on PBS KIDS GO!





congratulates

For doing a **fantastic** job on your challenges at the **Force**. You're **talented**, **brilliant**, and **totally awesome!!!**

par in 9













Cooperative

Books and Web Sites

Toy chemistry

(Page 5)

Books

Amazing Kitchen Chemistry Projects You Can Build Yourself (2008)

Cynthia Light Brown

Explore chemistry through wild experiments, crazy cooking, and kooky creations with everyday household materials.

Cool Chemistry Concoctions: 50 Formulas that Fizz, Foam, Splatter & Ooze (2007)

Joe Rhatigan and Veronika Alice Gunter Learn about chemistry while making slobbering soda and bubbles that won't burst.

Fizz, Bubble & Flash! Element Explorations and Atom Adventures for Hands-On Science Fun! (2003)

Anita Brandolini

Discover how elements are a part of your everyday life with hands-on, high-energy activities.

Web

National Geographic: Polymers, They're Everywhere

nationalgeographic.com/resources/ngo/education/plastics/
Find out about polymers in your world.

Polymer Science Learning Center: The Kids' Macrogalleria

pslc.ws/macrog/kidsmac/index.htm Enter the big wide world of polymers.

Race for survival

(Page 9)

Books

Animal Defenses: How Animals Protect Themselves (1998)

Etta Kaner

Read about the different ways animals protect themselves.

Animal Disguises (2007)

Belinda Weber

Discover how animals blend in with their environment by mimicking objects found in nature, playing tricks on their predators, and changing shape.

What are Camouflage and Mimicry? (2001)

Bobbie Kalman

Examine animals that use unique colorization and patterns to hide.

Wet

How Stuff Works: Animal Camouflage Pictures

animals.howstuffworks.com/animal-facts/animal-camouflage-pictures.htm Review a gallery of images of different types of animal camouflage.

National Geographic: Creature Features

kids.nationalgeographic.com/Animals/ CreatureFeature

Explore wild animals and the habitats they live in.

Nova Online: Leopards of the Night

pbs.org/wgbh/nova/leopards/ seeinggame.html

Match each animal to its camouflage strategy.

Operation Espionage

(Page 13)

Books

Crime-Solving Science Projects: Forensic Science Experiments (2005)

Kenneth G. Rainis

Understand the role science plays in solving crimes.

Spy Science: 40 Secret-Sleuthing, Code-Cracking, Spy-Catching Activities for Kids (1996)

Jim Wiese

Explore how spies use science and learn tricks of the trade.

Web

CryptoKids: America's Future Codemakers & Codebreakers

www.nsa.gov/kids/home.cfm Learn about cryptology—the making and breaking of codes.

Dragonfly TV: Forensics

pbskids.org/dragonflytv/show/ forensics.html *Help investigate a crime*.

What gives?

(Page 17)

Books

Bridges (Building Amazing Structures Series, 2005)

Chris Oxlade

Examine famous bridges in history and plans for new bridges designed to link continents together.

Bridges Are to Cross (1998)

Philemon Sturges

Get a birds-eye view of the most famous and majestic bridges in the world.

Bridges! Amazing Structures to Design, Build & Test (1999)

Carol A. Johmann and Elizabeth J. Rieth See bridges from around the world, then design, build, and test your own.

The Brooklyn Bridge (2006)

Elizabeth Mann

Read about this famous suspension bridge that took 29 years to build.

The Golden Gate Bridge (Symbols, Landmarks, and Monuments Series, 2005)

Tamara L. Britton

Discover how San Francisco's Golden Gate Bridge was built.

Web

Building Big: All About Bridges

pbs.org/wgbh/buildingbig/bridge/index.html

Check out bridges of all types—beam, truss, arch, and suspension.



Whodunit

(page 21)

Books

Detective Science: 40 Crime-Solving, Case-Breaking, Crook-Catching Activities for Kids (1996)

Iim Wiese

See how detectives and forensic scientists use science to solve crimes.

Web

Central Intelligence Agency: Kids' Page

https://www.cia.gov/kids-page/index.html

Get an inside look at the CIA.

Federal Bureau of Investigation: Kids' Page

fbi.gov/fbikids.htm Find out how FBI special agents and analysts investigate cases.

History Detectives

pbskids.org/historydetectives/about.html Sleuth your way through time and solve historical mysteries.

Canine House of Cards (page 25)

Books

Building (Make it Work! Science Series, 2000)

Andrew Haslam

Learn about different kinds of structures from skyscrapers to igloos through hands-on experiments.

Skyscrapers! Super Structures to Design & Build (2001)

Carol A. Johmann Read about the history and structure of the world's tallest buildings.

Web

Building Big: The Labs

pbs.org/wgbh/buildingbig/lab/index. html

Explore forces, materials, loads, and shapes in these interactive labs.

Science Activities

Books

Smash It! Crash It! Launch It! 50 Mind-Blowing, Eye-Popping Science Experiments (2006)

Rain Newcomb and Bobby Mercer Make marshmallow catapults, potato popguns, and water-balloon launchers and learn the science behind what makes them work.

Flash! Bang! Pop! Fizz! Exciting Science for Curious Minds (2000)

Janet Parks Chahrour Learn fundamentals of physical science at home with 25 fun activities.

The Ultimate Book of Kid Concoctions 2 (2006)

John E. Thomas and Danita Thomas Create over 65 wild, wacky, and creative concoctions with household ingredients.

science careers

Books

Career Ideas for Kids Who Like Science (2007)

Diane Lindsey Reeves and Lindsey Clasen Connect your interests and skills to a career in science.

Web

American Physiological Society: Careers in Life Science

the-aps.org/education/k-12misc/careers.htm

Find links to investigate a range of careers in life sciences.

Minerals Management Service: Careers in Science

www.gomr.mms.gov/homepg/lagniapp/careerpg.html

Read about ten types of scientists who work to protect the environment.

U.S. Department of Agriculture: Want to be a Scientist?

ars.usda.gov/is/kids/scientists/ scientistsframe2.htm Check out 19 different science jobs.

