

# WHIZ, BANG, POP! Adventures in Science Children's STEM Fair

Wednesday, July 17 from 10 am until 1 pm

## Saratoga Springs Public Library, H. Dutcher Community Room:

**Earth Science in a Wind Tunnel** – Know which way the wind blows! Test the strength and direction of the wind by placing objects in its path (**Skidmore Art Department and Sustainable Saratoga**)

**Food Science** – Food activity (**Price Chopper**)

## WILDLIFE CORNER

**Animal Detectives** – Use animal skulls to figure out if animals are herbivores or carnivores. Create your own animal tracking guide (**Wilton Wildlife Preserve & Park**)

**Wildlife Behavior** – See wildlife in action on videos taken from motion-sensitive cameras along the Kayaderosseras Creek (**Friends of the Kayaderosseras**)

**Tactile Explorations** – Touch animal pelts from creatures in our own state park (**Spa State Park Creekside Classroom**)

**Soil Biology** – Learn how compost worms do their job and watch them in action (**Biosoil**)

**Forensic Science** – Make a plaster cast of an animal's footprint and learn to recognize animal tracks (**Ndakinna**)

**Bunnies!** – Cuddle with some cute critters while learning about their biology! (**4-H Rabbit Club**)

## MAKER SPACE AREA

**Out of This World** – Use images of outer space to inspire your inner artist (**Tang Museum**)

**Reef Relief!** – Save our coral reefs! Make and decorate a reef (**World Awareness Children's Museum**)

**Upcycled Architecture** – Build a self-supporting structure using every day household items (**CMOST**)

**Learning Games** – Become a child scientist with researchers from Skidmore College (**Developing Minds Center**)

## Children's Museum at Saratoga, in the Parking Lot:

**Rocket Science** – Want to be a rocket scientist? Make a rocket and launch it (**Cornell Cooperative Extension**)

**Food Science** – Use science to create art and then eat it (**Saratoga Farmers' Market's Power of Produce "POP" Club**)

**Save the Bees!** – Create a bee oasis including native plants (**Waldorf School**)

**Engineer a Rescue!** – Using simple or complex machines, can you hoist A LEGO person to safety? (**Children's Museum at Saratoga**)

## **WATER, WATER, EVERYWHERE**

**Nature's engineers** – See how beavers change the way a stream flows (**Friends of Moreau**)

**Hydrology: Water on the Landscape** – Move sand and watch how it changes the flow of water (**Saratoga County Soil and Water Conservation District**)

**Water Wall** – Send water trickling or rushing through a system of tubes and pipes. Why does it always go down? (**Sustainable Saratoga**)

**Ice Hockey** – Play "real" ice hockey: the puck is an ice cube! (**Sustainable Saratoga**)