

Science Saturdays are a time to explore, discover and learn for elementary age children grades 3 to 5. Each month we investigate the world around us using **fun hands-on experiments.**

Each session is designed to teach age-appropriate concepts in science, technology, engineering and math.

Science Educator, Michelle Van Voorhis leads the activities. Sessions run from 10:30 am - 12 Noon. Science Saturdays are funded through a FY2019 LSTA Grant *Anytime STEM Learning.*

Library Hours

Monday - Wednesday

10:00 — 8:00

Thurs 10:00 — 2:00

Fri 10:00 — 5:00

Sat 10:00 — 2:00

Sun 12:00 — 4:00

(October - May)

Raynham Public Library

760 South Main Street

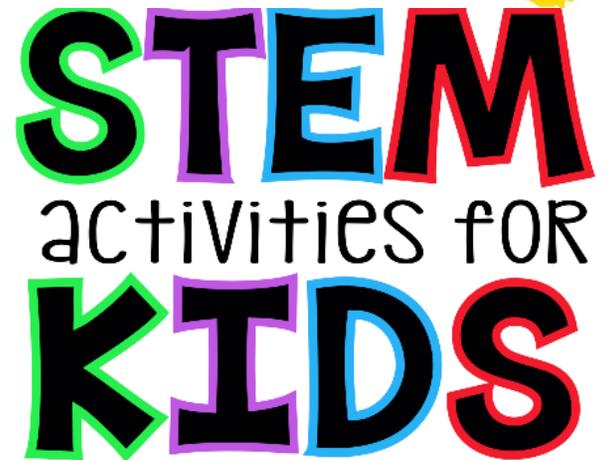
Raynham, MA 02767

raynhampubliclibrary.org

LSTA FY19



SCIENCE
SATURDAYS



STEM
activities for
KIDS

at the
Raynham Public
Library
508.823.1344

Discovering Science on Saturdays at the Library.....



Saturday
October 13, 10:30
Magnet Magic

Create a compass that aligns with Earth's magnetic poles; use a simple circuit and an iron nail to create an electromagnet.



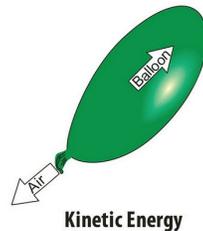
Saturday
November 10, 10:30
Dig into Dinosaurs

Create, bury and unearth imitation fossils; reconstruct dinosaur skeleton models. Investigate dinosaur footprints to make inferences about size, speed and stride.



Saturday
December 8
10:30
Land Sakes!

Carry out investigations to simulate weathering and erosion. Discover how weathering, erosion and deposition effect landforms and the habitats of living things.



Saturday
January 12, 10:30
Rocking and Rolling

Conduct experiments to investigate kinetic energy, friction, gravity and air pressure. Explore multiple forces to determine how they affect motion.



Saturday
February 9, 10:30
Make Waves

Explore sound energy, vibrations and the transfer of sound energy through a series of hands-on investigations. Send coded messages using sound waves.



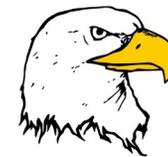
Saturday
March 9, 10:30
Design It!

Build a catapult using a lever powered with a rubber band. Design and build a marble roller coaster. Explore potential and kinetic energy.



Saturday
April 13, 10:30
Potion Commotion

Using hands-on investigations, explore mixtures vs. chemical reactions. Identify states of matter and observe physical changes.



Saturday
May 11, 10:30
Surviving in a Wild World

Explore the shape of birds' beaks to determine what they eat and where they live; evaluate how structures of living things meet their needs for survival; discover the importance of camouflage.

Space is limited so **reservations are strongly encouraged.** Register in the Events Calendar at raynhampubliclibrary.org