

SOAR/SCS FAMILY STEAM NIGHT coming soon!

**Fun activities and challenges for the
whole family!**

When: Wednesday, February 5th

**Where: Salisbury Central School gym,
computer lab, library and hallway at the
bottom of the ramp in the upper building**

Time: 5-7pm

**SOAR will be selling pizza until we run out
from 5-6pm in the hallway outside of the
gym. \$2.00/slice
Cups will be available for water from the
water fountain.**

**A big thank you to Flying Cloud Institute and students from
The Hotchkiss School for providing all of the engaging
activities and challenges for the event.**

Check out the list of activities on the next page!

Family STEAM Night

Letter & Level	Station Name	Description	Station Location
A 	MagLev Challenge	Transport your commuter down the track! Create a magnetic levitation train with cardboard, tape and strong magnets that is balanced enough to successfully transport your lego commuter to down the MagLev track.	Gym
B 	Spinning Top Challenge	Who will make the longest spin of the night? What variables affect spinning time? Use Sculpy polymer clay to make a top. Time your best spin, and add your name and spin time to our data sheet. Take your spinner home.	Library
C 	Ozobots in Action	Which way will the ozobot go? How do your line drawings affect the ozobot's motion? Draw with markers and watch the ozobot respond to your lines. Can you make the ozobot go and stop? Can you make the ozobot turn around?	Gym
D 	Geologic Timeline	Be part of our collaborative Geologic timeline made with seasonal sap buckets signs. Choose from our list of events in Earth's 4.6 billion year history. Design and draw with chalk a sign for your event. Place your sign on the timeline at the correct meter mark.	Hallway
E 	Visual Art with Processing	Write code in the Processing programming language to display shapes and dynamically update your drawing in response to mouse clicks. Sign up in the Gym Lobby!	Computer Lab 30 minute workshops (5:15, 5:50, 6:25)
F  	Roller Coaster Science	Learn how science concepts help engineers design roller coasters.	Gym

G 	Polydron Frameworks	Build polyhedra or your own creations using basic shapes (triangles, squares, pentagons, hexagons) that click together.	Library
H 	You can do the Cube!	Learn to solve the Rubik's Cube!	Gym
I 	Binary Bead Bracelets	Make a bracelet that encodes your birthday in binary code.	Library
J 	Origami	Fold a sonobe cube or skeletal octahedron.	Hallway
K  	Hexaflexagons	Hexaflexagons are paper polygons with a surprising number of sides! Learn to fold, decorate and flexigate your own hexaflexagon!	Gym
L 	Solve the Secret Code	Make a Caesar shift wheel and use it to encode and decode secret messages.	Gym
M 	Puzzles and Strategy Games	Try your hands on interesting puzzles and one- and two-person strategy games.	Gym

 = Everyone

 = 3rd Grade & up

 = 5th Grade & up