





Madison County Library
402 N Main St Madison, VA 22727
540 948-4720

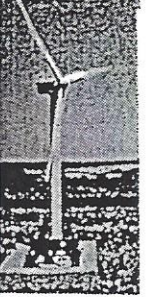

Come join us on Thursdays in March from 4-5 pm! Explore STEM topics such as coding and bots with us. Harness energy sources and bring projects to life!




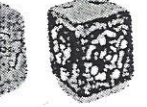
3/2/23 Coding with Critters: Play fetch, hide and seek, and more with brave Ranger and mischievous Zip. Children will design many coding challenges with each dog or cat playset. Participants can also “feed, pet, and take care of” these interactive pets in play mode.



3/9/23 1st project-Solar Bots: Create a solar powered insect. It zips around and makes noise. Curious users can explore how solar power is converted into motion with this fun and easy-to-assemble learning project. 2nd project-Scooterbots: “Play with toys” and assemble a battery powered, moving bot. Introduce students to the principles of engineering, robotics, and electrical circuits.



3/16/23 1st project- Salt Powered Robot: Join us as we build a robot with a hands-on learning kit that illustrates the value of alternate energy sources. The robot is powered by the chemical reaction of salt water and charcoal. You will take home the robot that you create! 2nd project- Windmill Generator: Then we will build a generator using green science to harness wind power and light an LED bulb.



3/23/23 and 3/30/23 Cubelets: Learn to program these robot blocks and gain important problem-solving skills such as: collaboration, engineering, design, and computational thinking.

Advance registration is not required and there is no cost. Students in kindergarten through 5th grade are invited to attend one or more sessions.