FREQUENTLY ASKED QUESTIONS

How do I reserve a kit? Kits can be reserved through the online library catalog at https://polaris.odinlibrary.org/polaris/.

How long can I keep a kit? All kits have a loan period of 8 weeks.

How much does it cost?

You are responsible for the cost of sending the kit back to the State Library. Shipping costs depend on which kit you reserve.

If you lose or damage a kit component, you will be charged accordingly.

How many STEM kits can I check out? There is a limit of three STEM kits at a time without prior approval.

I'm a teacher. How do I check out a STEM kit?

Reservations for schools must be made by the School Media Specialist.



Visiting the Library

Liberty Memorial Building 604 East Boulevard Avenue Bismarck, ND 58505

> **Opening Hours** Monday - Friday

8:00 AM – 4:00 PM

More Information

www.library.nd.gov statelib@nd.gov

Information Services

701-328-4622 800-472-2104

Talking Books

701-328-1408 800-472-2104

State Librarian Mary Soucie

North Dakota State Library, a division of the ND Department of Public Instruction Kirsten Baesler, State Superintendent

December 2022



STEM KITS

Available for check out for School and Public Libraries from the North Dakota State Library



AIRBLOCK

This modular programmable starter robot can be assembled as a drone, hovercraft, and other configurations.

CODE & GO ROBOT MOUSE

Kids can design their own mazes and then use analytical thinking, problem-solving skills, and step-by-step programming to get the robot mouse to his cheese.

CODEYBOT

This wedge-shaped, expressive robot dance machine shoots lasers and teaches you to code.

COZMO ROBOT

This minuscule, synthetically intelligent, programmable robot has a personality and facial recognition.

CUBELETS

These pre-programmed robot blocks are designed to sense, think, and act in specific ways.

DASH AND DOT WONDER PACK

These round, colorful, fun and friendly robots teach coding concepts, scoot about, fire a catapult, play the xylophone, and wear bunny ears.

www.library.nd.gov

EVO OZOBOT

This robot builds understanding of coding concepts while also being creative, easy-tolearn, and fun for all levels.

FUEL CELL CAR

This hydrogen fuel cell car kit is designed to bring the latest research on clean, renewable energy sources out of the laboratories and into your hands.

GIANT POLYDRON

Children will have fun learning shapes, colors, and engineering principles with these rugged textured blocks.

MAKEBLOCK STARTER ROBOT

Learn robotics, electronics, programming, and engineering with this robot that can be turned into a tank or a three-wheel car.

Q-BA-MAZE 2.0 MEGA STUNT SET

This unique system of colorful cubes that interlock to form marble runs creates thrilling maze sculptures while developing critical thinking skills, hand-eye coordination, and spatial reasoning.

ROBOT WARS CODING STRATEGY GAME

This fun-filled coding game introduces players to how a computer (or robot) executes code through sequential logic, using Java blended into English commands.

ROLI BLOCKS

These modular tactile electronic musical instruments facilitate learning and exploring both musical and computational concepts through human touch.

SPHERO

This programmable, app-enabled, sensorequipped robotic ball is fun, durable, and supported by a robust coding curriculum utilizing block coding and JavaScript.

STARBLAST TABLETOP TELESCOPE KIT

Explore the universe with the Orion StarBlast telescope, a grab-and-go tabletop telescope that you can take anywhere. Contraction of the second seco

This STEM initiative was made possible by the collaboration of the Air Force STEM Program and Grand Forks Air Force Base, School Liaison Office. The mission of the Air Force K-12 STEM program is to inspire and develop student interest in Department of Defense STEM education and careers. The Air Force provides numerous K-12 STEM outreach opportunities to K-12 students both on Air Force bases and in the local communities. For more information on AF STEM programs, visit www.afstem.org or Facebook at AirForceSTEM.





