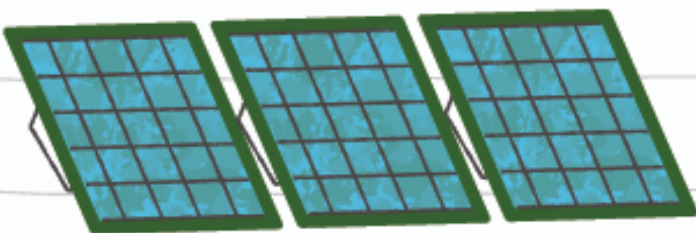


Denton
Sustainable
Schools
STEM KITS

August 22'-May 23'

Take a peak





Borrow a STEM Kit!

STEM Kits are available for schools who are currently enrolled in the Denton Sustainable Schools Program.

- [Please fill out the form to borrow a STEM Kit.](#)
- Each kit will come with an inventory list of supplies. If you use the last of the kit items, please replace them or make a note on the list so that we can make sure the kit is complete for the next class.
- STEM Kits are first come first served, so please make sure to request your kit at least two weeks in advance. Our staff will work with you to arrange drop off/pick up times.
- Remember, you can also earn points and submit your completed STEM lesson as a sustainable activity for the Activity Challenge! [Fill out the activity form to earn points!](#)
- Questions? Please give us a call *(940) 349-8054* or *(940) 349-8207*

Snap Circuits

Build over 300 projects with this kit! Snap circuits can be used to help learn the basics of electricity and the multiple way it can be transferred. Dozens of electrical parts are provided allowing students to witness firsthand how to set up functional electrical circuits.



Snap Circuits- Arcade

This kit is much like the original snap circuits kit yet includes additional electrical parts to create a functional game. With the activities offered in this kit, students gain a quick introduction into both programming and coding.



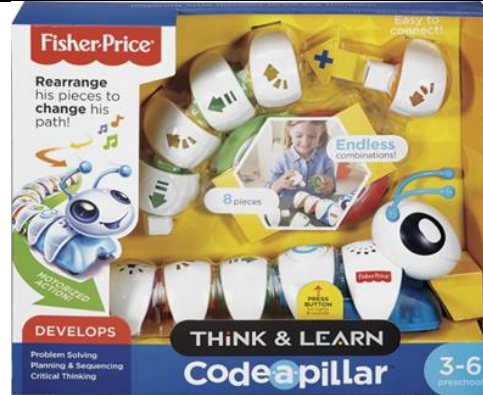
Snap Circuits- Green

The demand for green energy has been on the rise. Snap Circuits- Green acknowledges this and provides students the opportunity to learn firsthand the power of renewable energy sources such as solar, wind, hydropower and how to best convert this into usable electricity.



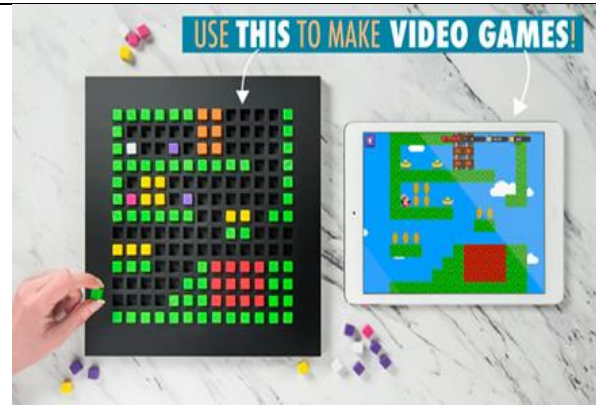
Code-a-pillar

This kit is excellent for teaching young learners' problem-solving, experimentation, and open-ended thinking via coding. Great for kindergarten classes because of the lights and sounds of the Code-a-pillar.



Bloxels

Bloxels is an advanced kit that allows students to use their creativity to create a video game of their own design. This kit prompts critical thinking skills and experimentation all while maintaining your student's attention.



Makey-Makey

This kit is great for lessons about natural energy production and conductivity. Creating activities from this software highlights new ways of using sustainable energy sources to students.



STEAM Student Set

Steam kit was designed to be both teacher and student friendly. This kit includes several engaging engineering and design projects and promotes the development of professional skills such as problem solving, collaboration, persistence, and a growth mindset.



Sun as Energy

According to a Nasa solar scientist, “the sun provides about 1300 watts per sq. meter every second to the Earth”. Ask any Texan and they can attest to this intensity. This kit will allow students to learn more about the importance of the sun, and its effects, with hands on activities and captivating visuals.



Solar Cell Classroom Set

Solar Cell Classroom Sets contain all necessary equipment to allow for hands-on explorations of solar power and electricity. Serval solar cells, motors, fans and a multimeter and will provide a complete class time of learning and engagement.



Solar Circuits and Machines

Ever had a solar project in mind yet lacked the proper material to make it into a reality? Solar circuits and Machines kit can help; This kit contains various solar instruments and parts. Experiment with 3V PV solar panels, Vernier resistors, power output boards water pumps and more!



SolRun Kit

This kit will allow for the creation of solar powered vehicles. Choose from a wide selection of solar drives, gear ratios and pulley combinations and experiment with different combinations to create the fastest car in the class.



Solar Oven

This activity is perfect for teaching your students about alternative energy sources and keeping them attentive with an edible award! The solar oven requires minimal set up and clean up, so it is great for a quick lesson.



McGuyver Wind Kit

This wind kit is geared for students to make their first functional windmill. Students will be granted the opportunity to work with different materials and windmill designs to discern the most effective method of catching the wind and using its energy.



Advanced Wind Kit

This Kit is an introductory activity to the engineering behind wind energy. Students will construct a windmill while learning about the physics necessary to propel the machines and create the energy that they store.



Watershed Envirosapes Kit

This kit is a Hands-on and interactive demonstration of the sources and effects of water pollution. It provides an easy-to-understand demonstration of how storm water runoff carries pollutants through the watershed and into nearby ponds, lakes, rivers and even the ocean.



Landfill Envirosapes Kit

Ever wondered what happens to trash after it's thrown away? If so, this landfill kit may be the answer to your and your student's curiosity. Use this kit as an interactive lesson to teach your kids about the how the city properly regards of residential and commercial waste.



Questions? Please give us a call!

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