

# SATURDAY STEM

with Illinois Mathematics and Science Academy  
Center for Teaching and Learning

**FEB. 25, 9:30 AM – 12:00 PM**

Belle Valley School, 2465 Amann Dr.,  
Belleville \$30 | Meal is not provided.

Registration Deadline: Feb. 19

Scholarship Application Deadline: Feb. 12

## **Grades 3 & 4 BEE FRIENDLY**

Bees need your help! The more we use land to build houses, the less land bees have to build hives. Our Earth Day biologists will learn all about solitary bees – and how they can do their part to help these bees find a safe place to live. You will design and build your own bee house. Once finished, you and your adult at home can set up the bee house in your own yard or maybe in a nearby forest preserve. The Earth's bees will thank you for their new safe home!

## **Grades 5 & 6 GREENER CLEANERS**

Did you know that many household cleaners contain chemicals which contribute to air pollution, lower drinking water quality, and are toxic to animals? Students will identify the chemical culprits to avoid when buying cleaners (& learn some chemistry behind what makes these ingredients harmful). We will then devise and test our own eco-friendly cleaner recipes to disinfect our homes without polluting our Earth.

## **Grades 7 & 8 TINY HOMES, BIG IMPACT**

The Tiny Home architectural and social movement encourages people to live a more simple life in a smaller space. Adopting this way of life means having less “stuff”, using fewer utilities, and having less waste which can not only save you money (and stress), but it can also be more beneficial to the environment. In this program, our aspiring architects will create a model floor plan of a tiny home, to scale, that meets a variety of earth-friendly criteria! Of course there may even be some “room” for aesthetics, so bring your interior (and exterior) designing skills with you!

