

Name of your organization for event program and signage:	Exhibitors are asked to provide a hands-on activity for students. Tell us what you will do, what the kids will do, and the materials you will use.
Buchanan County ISU Extension and Outreach and Master Gardeners	Gardening in a glove is using a latex-free glove and planting seeds, so children can see how roots sprout and can notice how the life cycle of a plant works. The water quality demonstration will be done with large groups, and shows them how pesticides and fertilizer can infiltrate into aquifers. The water quality simulator will require access to water and an area to rinse the water and pan out.
Community Bank of Oelwein	We will have a small coin counter and a bucket of change. The students will put a handful of change into the counter and guess how much they have. Students that come close to the actual amount will win prizes.
East Buchanan Robotics	The hands on activity will be a place where kids can actively help assemble parts of a robot just like the ones that the team will use in competition later that year. (NOTE: The robot being assembled will not be the team's actual competition robot)
Fayette County Conservation Board	I will bring touchy feeling furs of many of the wild animals of Fayette County that they can touch and feel. I may or may not bring a live turtle or two or a live snake depending on the weather and more.
Girl Scouts of Eastern Iowa and Western Illinois	I will either do circuit boards or a structural activity
Green Iowa AmeriCorps	We will bring a light board as our activity where the kids can connect different light bulbs and other objects like phones into it to see how much energy they take to run. There will be questions for the kids to answer, like which they think will be the most efficient and ways they can possibly reduce their energy consumption within their household and in their day to day activities.
Grout Museum District	We will have each child make a close pin butterfly. We will also have cockroaches out for the children and adults to see them! We only need a table and access to water.
Iowa Public Television	Kids will do a sorting challenge that speaks to recycling, composting and trashing items. We will talk kids through looking for the recycling triangle to reduce their trash by reusing items, compost and recycling. Kids will learn how reducing, reusing, and recycling can help them, their community, and the environment by saving money, energy, and natural resources.
Iowa Speedway	Kids will have the ability to build Lego cars and put their engineering skills to the test with our 10ft ramp.
IowaWORKS	Interactive book asking kids about their dream jobs in STEM and other activities regarding STEM jobs.
ISU Extension 4-H	Provide STEAM spin-art to understand how to make a simple motor run while creating a spin art sample of their choice. Learn about how a rollercoaster works while exploring with the use of pool noodles and marbles taken from our new Cloverkids STEM-Lit to Go curriculum. Learn how to join 4-H!
Keystone Area Education Agency	Keystone AEA Portable Planetarium - we will provide planetarium shows for all ages lasting approximately 20 min.
Keystone Area Education Agency	A wide variety of robots from the Keystone AEA collection will be available for use by participants of all ages. They can drive the robots and learn about programming via free apps. The robots include the Minion, Miposaur, and CoderMip. Join our exhibit for lots of fun.

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Northeast Iowa Community College	I am planning on bringing a model of a skull that the kids can touch AND put together. I will answer questions about the bones and how they protect the brain, make up the face, show them their cheekbones, nasal bones for where their glasses sit. I am also planning on bringing a model of a brain that they can touch and try putting together as well. I will show them what part of the brain is responsible for thought processes, sight etc.
Northeast Iowa Community College : Nursing Program	TBD
Rural Iowa Amateur Radio Club	Will demonstrate amateur radio and electronics. Will have radios the students can talk on and try morse code. We will also have other electronics related demonstrations.
University of Wisconsin-Platteville College of Engineering, Mathematics and Science	We'll have different materials (paper, plastic bags, string, yarn, etc.) to help kids build and test different parachutes. We'll also have a small step ladder to drop little plastic animals attached to the parachutes. My plan is to just have my adult volunteers standing on the step ladder, or if a child wants to do their drop themselves, to have their parent stand behind them for safety.
Upper Iowa University	Scale of the Solar System activity. I will provide set out objects that represent bodies in the Solar System at a particular scale. The students will match names to the objects based on relative sizes.
Upper Iowa University	Basic Electronics, Robotics, Computing, Encryption / Decryption
Upper Iowa University School of Business Economics Program	I will have the students create a product using toys (Tinker Toys or Play-Doh depending on age) during a set time period. I will continue to "hire more workers" (add more participants) into the production line and see how productivity changes. Does hiring more people always mean more and better products? Students tend to laugh and bump into each other before it is all said and done. They explore the concepts of learn-by-doing, specialization, overcrowding, and other fun microeconomic topics.
Upper Iowa University-Environmental Issues Instruction	Participants will have the opportunity to examine red wigglers up close to identify the various parts of the worm. They will learn about the value of worms to composting and the building of nutrient rich soil. They will have the opportunity to participate in worm races and even eat worms!
Warrior Servant Martial Arts	I will have sheets on the math and science for the students, rebreakable boards, and other things for them to try while explaining the science and math.
Wartburg College (Science Education)	We will have an animal exhibit and also teach how to make a paper craft with the students. (Leopard gecko, tortoise, and chinchilla)
University of Northern Iowa	A UNI Mascot has been Panthermapped! Use multiple areas of science and technology to analyze the evidence left at the scene of the crime and reunite us with our beloved Panther!
Farm Bureau	Have examples of Journey 2050 (online sustainability game), Farm Equipment Then & Now
UIU Graphic Design	Video loop, GoPro camera to review, Wacom tablet demo