Exhibits for Pre-K Youth:

- Arizona Public Service (APS) – Power a lightbulb with your own muscle power.
- Arizona Diamondbacks – Learn about Chase Field's new STEM Dugout and discover the physics involved in America's favorite pastime.
- Arizona Ghostbusters, Inc. – Make slime with an Arizona Ghostbuster while touring the “Ecto One.”
- Children's Museum of Phoenix – Build your own structure using PVC pipes and connectors.
- *Cox Communications* – Experience VR in the Cox Gig Zone.
- Eyeontek – SUNI the Robot – Interact with SUNI, the talking robot.
- Hope Animal-Assisted Crisis Response – Meet specially trained dogs who provide comfort and encouragement to individuals affected by a crisis or disaster.
- Northern Arizona University (NAU) Go Baby Go – See a demonstration of a child's switch-adapted car meant for kids with disabilities. Test out the adapted toys yourself.
- NAU Student Occupational Therapy Association – How strong are you? Measure your grip and pinch strength with a dynamometer. Complete a marshmallow tower.
- Pardes Jewish Day School – Code Bee-Bots, a robot for young children, through a maze and take a hands-on building challenge.
- Phoenix Children's Hospital – Discover the innovative ways children with heart defects are being treated. Learn how pacemakers and defibrillators improve how a heart pumps blood. See 3D prints of congenitally malformed hearts before and after surgery.
- Phoenix Herpetological Sanctuary – Pet live reptiles and find out which ones make good pets.
- STEM Sports – Using a basketball and a bucket of ice, learn how different temperatures change the properties of objects.
• *University of Arizona (UArizona) Cancer Center – Walk through an enormous inflatable colon and find out how to keep your colon healthy.

• UArizona College of Architecture, Planning and Landscape Architecture – Design and build the playground of your dreams.

• UArizona College of Nursing – Give your stuffed animal its annual medical checkup in the Wildcat Play Hospital.

• UArizona College of Pharmacy – Have fun while learning how catalysts in the body work. Create colorful foam and lots of tiny bubbles. Make a "lung" using a straw and sandwich bag. Compound your own hand sanitizer. Listen to your heartbeat. Create a bracelet that changes color when exposed to the sun.

• UArizona Field Crops Insect Pest Management – Inspect insect specimens with a microscope, build your own insect activity and observe a honeybee display case.

• UArizona Flandrau Science Center and Planetarium – Solve math puzzles and play a Saturn bean-bag toss game.

• Vertical Flight Society – Their STEM toolkit includes twirly helicopters, rubber band helicopters, a gyroscopic chair and an Apache helicopter tabletop simulator. They will also discuss engineering, slight and drone building.