

Pandemics, derechos and virtual tools are the strongest reminders of STEM in our world and how vital it is to make STEM work for us. We will miss you on the Grand Concourse this year. Enjoy these exciting activities and see you next summer thanks to solutions being brought to us all by STEM!

STEM Day at the Fair Activities and Supplies:



Engineering a Delicious Pancake

Materials Needed:

- Pancake mix
- Water
- Bowl
- Spoon
- Spatula
- Non-stick spray
- Skillet or griddle



Surface Tension

Materials Needed:

- Milk
- Dish soap
- Food coloring
- Bowl or pan
- Cotton swabs



Space Farming

Materials Needed:

- Water
- Scissors or box cutter
- Seeds
- 2-Liter bottle
- Paper towels



Growth Experiments

Materials Needed:

- Water beads
- Water
- Bowl or container
- Sunflower seeds
- Jars or water glasses
- Food coloring
- Celery or carnations



Straw-Powered Rocket & Rocket Racer

Materials Needed:

- Drinking straws
- Paper
- Scissors
- Tape
- Pencil
- Styrofoam plate or cardboard
- Stirrer straws
- Balloon



Craters, Craters Everywhere

Materials Needed:

- Table covering
- Pan with high edges
- Flour (4 cups)
- Colored sprinkles
- Cocoa (3-4 Tablespoons)
- Sifter
- Rocks
- Ruler

Iowa STEM Teacher Award Video Announcement

Governor Kim Reynolds, Kemin Industries President and CEO Dr. Chris Nelson and STEM Council Executive Director Jeff Weld will introduce the 2021 Iowa STEM Teacher Award.