

# A STEM in the Park

## Take Home Activity

# STEM

in the **PARK**™

Science, Technology, Engineering, and Mathematics

## Sun Paper



### ***What You Need***

- Toothpicks
- Cardstock (or other thick paper)
- Yellow and red food dye
- Shaving cream
- Wax paper
- Cardboard or squeegee

### ***What To Do***

1. Cut off a square of wax paper and tape it down. You don't want it moving around.
2. Spread shaving cream over your wax paper and make sure it's nice and smooth and foamy. Make it roughly circle shaped.
3. Drop five drops of red and yellow food coloring in a circular area.
4. Use your toothpicks to swirl the red and yellow colors together in a circle.
5. Place your paper right on top of the shaving cream and food coloring. Press it down lightly. Give it a few seconds to absorb the dye.
6. Pull the paper off and set it down. It will look like a big glob of orange shaving cream at this point.

***Continued on back***

## ***The Science***

Students will design their own sun using shaving cream and food coloring. The swirls of the food coloring will resemble the surface of the sun and the outer edges will appear ragged, similar to the sun's corona. Further discussion regarding the sun can be found online at <https://www.nasa.gov/kidsclub/index.html>

## **Additional Notes:**

For more fun activities check out: [spaceplace.nasa.gov](https://spaceplace.nasa.gov)

***This activity is brought to you by the  
Challenger Learning Center of Lake Erie West***



[www.eslakeeriewest.org/challenger-learning-center](https://www.eslakeeriewest.org/challenger-learning-center)