



STATEWIDE STAR PARTY

OBJECTIVE

Participate in an arts and crafts activity to design a solar system

SUGGESTED AGE RANGE

Ages 3 and up

ACTIVITY DURATION

5-10 minutes

MATERIALS



These materials are included in the Star Party host kit.

- black construction paper, cut into half sheets
- star stickers
- colored chalk

CREDITS



The Statewide Star Party is made possible by the generous grant support of the North Carolina Space Grant.

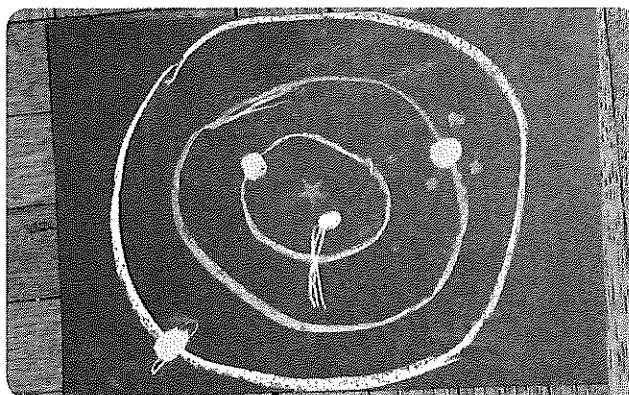
CREATE A SOLAR SYSTEM ACTIVITY INSTRUCTIONS

PREPARATION

1. Consider cutting the star stickers into strips, which will help you limit access. (If given unlimited access to the stickers, a few people may use up a lot of the stickers at once.)
2. Arrange materials on a large table, leaving space for participants to create their solar systems.

PROCEDURE

1. Invite your participants to create a solar system. Tell them a solar system consists of a star (and in some cases, two or more stars) and everything that star holds in with its gravity, such as planets, moons, and comets.
2. Give each participant a half sheet of black construction paper. Provide (limited) access to the star stickers and colored chalk.
3. Encourage participants to use their creativity in designing their solar systems. They might use the stickers to indicate stars. They might use colored chalk to draw planets and their orbits. Maybe they want to add moons or comets.



MORE RESOURCES

- To learn more about our solar system – which includes (only) one star, the Sun, as well as eight planets, several dwarf planets, and many moons, asteroids, and comets – visit:
<http://solarsystem.nasa.gov>
- To learn about *other* solar systems, visit:
<http://planetquest.jpl.nasa.gov>

