

## Space Science Schedule and Materials

Items that are highlighted are included in the materials kit.

### Monday:

- Planet models
  - Foam spheres OR paper balls; paint OR markers
- Solar system pocket model
  - Receipt paper OR paper cut into strips and taped together; coloring supplies; stickers (optional)
- Planet pictures
  - Coffee filters; markers; water; spray bottle (optional)

### Tuesday:

- Moonscope
  - Printouts from Digital Discovery; cardboard tube; tape; scissors
- Craters
  - Wide, shallow container; flour to fill at least 1" deep; cocoa powder OR cinnamon; marbles or small ball bearings of varying sizes
- Moon journal
  - Printout from Digital Discovery; writing utensil

### Wednesday:

- Star cores
  - At least 5 colors of modeling clay
- Constellation guide
  - String or yarn; hole punch
- Constellation viewer
  - Cardboard tube (ideally paper towel tube or 2 toilet paper tubes taped together); dark, opaque cupcake liner; toothpick or pin to poke holes; writing utensils; coloring supplies; tape OR rubber bands
- Planisphere
  - Printout from Digital Discovery
- Sundial
  - Disposable plate; straw OR pencil; marker

### Thursday:

- Conditions in space materials testing
- Lander building challenge
  - Small plastic cup; pom poms OR marshmallows; assorted craft and building supplies

### Friday:

- Straw rockets
  - Printouts from Digital Discovery; straw; tape; paper; scissors; sharp pencil
- Stomp rocket launcher

- Empty soda bottle with plastic cap; drill OR heat source and sharp object \*must have adult help\*; paper; tape; hot glue \*must have adult help\*
- Rocket models
  - Assorted craft and building supplies
- Satellite model
  - Printout from Digital Discovery; scissors; tape
- Origami spacecraft
  - Printout from Digital Discovery