

# Classic Summer Camp

2-6th Grade

## Thursday

### Activity 1: Ball Maze

#### Key Info

Duration: 40 minutes

Inside

Messiness: Minimal

Supervision needed: Little to none

Your camper is going to explore engineering design as they use cardboard and paper rolls to create a maze for a small ball to go through. The camper's goal is to keep the ball in the boundaries while still making the maze challenging. Your camper will also use their artistic eye to make the maze decorative and fun.

#### Materials

- Toilet paper or paper towel rolls
- Cardboard/cardboard boxes
- Duct tape or glue
- Bouncy ball (or any ball that fits through the rolls)
- Markers/decorative tape/stickers

#### Learning Outcomes

- Your camper will use a simple design process to accomplish a specific goal.

### Activity 2: At-Home Explosion

#### Key Info

Duration: 20 minutes

Inside or Outside-your choice

Messiness: Can be contained; have your camper perform the experiment on a cookie sheet or reusable 9x13 pan.

Supervision needed: Medium-Lots

Your camper will perform a classic science experiment and create a chemical reaction between baking soda and vinegar. If they participate in the optional activity, they will see a similar reaction between baking soda, lemon juice, and liquid dish soap.

## Materials

- Baking soda
  - Vinegar
  - Cup
- And/or
- Lemon juice
  - Liquid dish soap
  - Spoon or other stirring device

## Learning Outcomes

- Your camper will learn about chemical reactions and cause and effect.

## Activity 3: Backyard Scavenger Hunt

### Key Info

Duration: 20 minutes

Outside-in your yard, around the neighborhood, or at a nearby park (whichever option works for you)

Messiness: None

Supervision needed: None-Full (depending on where you want your child to go)

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Your camper will go out to your yard (or on a walk if permitted) and discover nature right at home. They will collect a few items and bring them home to make observations and comparisons.

## Materials

- Scavenger hunt list in the camper guide
- Magnifying glass & device to take pictures are optional
- Bag to collect items

## Learning Outcomes

- Your camper will learn how to make observations in nature.