

# DAY 77: SIMPLE SCIENCE EXPERIMENTS

## Ask, Predict and Discover

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Scientists ask questions, make predictions, test ideas, and record what happens. Try the activities with a trusted adult. Never taste experiment materials, and do not mix household cleaners or unknown substances.

### 1. Experiment: Which Objects Sink or Float?

**You need:** a bowl of water, a spoon, a cork or large plastic lid, and a small toy that is safe to get wet.

**Predict:** Which objects will float? \_\_\_\_\_

**Test:** Place one object at a time gently in the water. Keep water away from electronics.

**Record:**

| Object              | My prediction | What happened? |
|---------------------|---------------|----------------|
| Spoon               | Float / Sink  | _____          |
| Cork or plastic lid | Float / Sink  | _____          |
| Small safe toy      | Float / Sink  | _____          |

### 2. Experiment: Paper Helicopter

**You need:** paper, scissors, and a paper clip (adult help for cutting).

**Predict:** What will happen when you drop your paper helicopter from shoulder height? \_\_\_\_\_

**Test:** Fold or cut a simple paper helicopter shape with adult help, attach a paper clip at the bottom, and drop it in a clear indoor space. Never drop it near stairs or people.

**Observe:** Did it spin, fall straight, or move sideways? \_\_\_\_\_

### 3. Think Like a Scientist

What did you notice? \_\_\_\_\_

Was your prediction correct? What surprised you? \_\_\_\_\_

What would you change if you tested again? \_\_\_\_\_

### 4. Draw Your Discovery

Draw one experiment and label what you observed.

*Adult guidance: Supervise all activities. Use only child-safe objects, clean up spills promptly, and keep small items away from young children who may put them in their mouths.*