

# INVESTIGATION SET-UP

## PART 3 – 45 minutes

### OVERVIEW

Student teams set up their investigations. Students use a data sheet to make observations and collect their first data.

**Standards: 6a, 6c**



### Materials

- Depends on each team's investigation
- Data Collection sheet

### Vocabulary Words

- Data

### Helpful Hints

- Spend time with each group to help them devise their investigations. Have them utilize the Data Collection sheet and record additional information in a science journal.
- The Data Collection sheet is designed to help students organize their information. If necessary, groups can design their own data collection sheets.

### PROCEDURE

1. Working in their teams, students set up their investigations.
2. After the initial set-up, have student teams use the Data Collection sheet to collect their first data and record observations and measurements as needed. The Data Collection sheet will help students organize their information. If necessary, work with student groups to redesign their data collection sheet to better suit the needs of their investigation.

### GUIDED QUESTIONS



- What should be included on the Data Collection sheet?
- What do you expect to find after your first data collection?
- What do you expect to find after several data collections?

# DATA COLLECTION

Name(s): \_\_\_\_\_

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

## **Observation 1**

---

---

---

Questions or thoughts:

---

---

## **Observation 2**

---

---

---

Questions or thoughts:

---

---

## **Observation 3**

---

---

---

Questions or thoughts:

---

---

## **Observation 4**

---

---

---

Questions or thoughts:

---

---