

# PHYSICAL SCIENCE



## Mystery Solutions

Use the Scientific Method to Match the Unknown Solutions

### *Introducing Scientific Thinking*

#### **Materials**

6 Pipets filled with unknown solutions. (Labeled A, B, C, 1, 2, 3)

Spot Plate

Paper Towel

Lab Safety Goggles

#### **Objective**

Each of the 6 pipets are filled with an odorless unknown solution. You need to match the pipets lettered A, B, C to the identical solution in pipets 1, 2, 3



### *What to do first?*

#### **Procedures**

Brainstorm different ways to solve the problem, writing down your ideas.

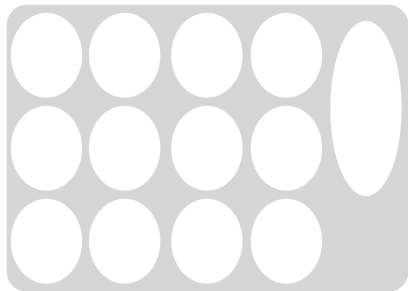
Test your solutions safely. **DO NOT TOUCH OR TASTE YOUR SOLUTIONS**

**DO NOT BEGIN** until instructed to by the teacher.

Names: \_\_\_\_\_

# EXPERIMENTAL OBSERVATIONS

*Record your observations below. Be as descriptive as possible. Use the sample spot plate below to label your solutions and reactions.*



A = \_\_\_\_

B = \_\_\_\_

C = \_\_\_\_

## Results