

# Treasure Hunt

## Exploration

**Purpose:** To find the treasure. To learn about displacement vectors.

**Procedure:** Follow the directions on the cards to find the treasure card.

**Data/Results:** None – these points will be put into the summary **Do a good job on the summary!**

### Summary:

- 1) What is a “frame of reference” and why is it important?
- 2) What is a vector?
- 3) What is a scalar?
- 4) What math is used when vectors are going the same direction?
- 5) What math is used when vectors are not going the same direction?
- 6) Which kind of math is described in our kinematics equations?
- 7) What is required of the vectors to use our kinematics equations with vectors?
- 8) Order of addition and subtraction in vectors?
- 9) Vectors are added tail to head. What does this mean?
- 10) How do you add vectors with different units?
- 11) What do you (I) do with numbers without units?
- 12) Significant Figures – Measured Digits