

## Navigation Specialist

Handout #1



Planet Team:

(Circle one)

Jupiter

Saturn

Uranus

Neptune

Pluto

## Navigation Specialist

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(Circle one)

Jupiter

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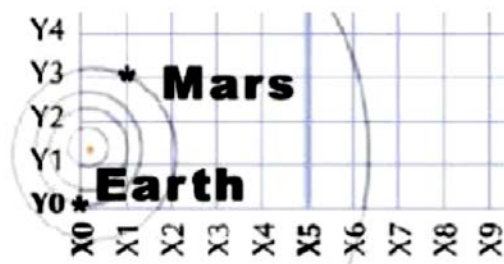
Pluto

## Plotting the Planets

Handout #1 / Task Card #2

The nine planets in the solar system orbit the sun. These orbits may be seen on a solar system map. By using this map, you will be able to find the lost ship.

Examine the map. The first two planets, Mercury and Venus, are not shown. The third planet, Earth, is located at the coordinate (X0, Y0). That spot is already labeled. Mars is also labeled and is located at (X1, Y3).



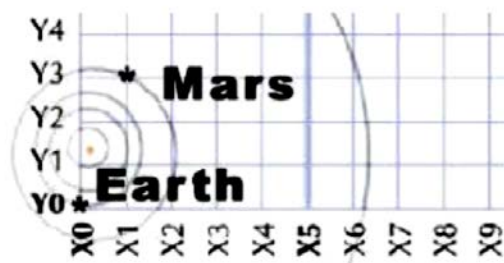
You will use location coordinates found on the data computer to plot and label the five planets: Jupiter, Saturn, Uranus, Neptune, and Pluto.

## Plotting the Planets

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## Plotting the Planets

Handout #1 / Task Card #3

Examine your team's data computer to get the location coordinates of each planet in the outer solar system and write them here:

Location Coordinates	
Mercury	Not shown
Venus	Not shown
Earth	(X0, Y0)
Mars	(X1, Y3)
Jupiter	( , )
Saturn	( , )
Uranus	( , )
Neptune	( , )
Pluto	( , )

## Plotting the Planets

Handout #1 / Task Card #3

Examine your team's data computer to get the location coordinates of each planet in the outer solar system and write them here:

Location Coordinates	
Mercury	Not shown
Venus	Not shown
Earth	(X0, Y0)
Mars	(X1, Y3)
Jupiter	( , )
Saturn	( , )
Uranus	( , )
Neptune	( , )
Pluto	( , )

**PLOT AND LABEL**

Handout #1/Task Card#4

1. Plot Jupiter on your own map by drawing a large dot.
2. Label the dot with the word "Jupiter."
3. Do the same thing for the other four planets; Saturn, Uranus, Neptune, and Pluto on your map only.
4. Your team has been assigned to a planet. Write the name and location coordinates of your planet.

PLANET: \_\_\_\_\_ LOCATION COORDINATES (X\_\_\_\_\_, Y\_\_\_\_\_)



TAKE THIS BOOKLET TO YOUR COMMUNICATIONS OFFICER  
IF THE COMMANDER APPROVES YOUR DATA, THEN PLOT THE  
COORDINATES FOR YOUR PLANET ONLY ON THE NAVIGATION  
TEAM MAP

**PLOT AND LABEL**

Handout #1/Task Card#4

1. Plot Jupiter on your own map by drawing a large dot.
2. Label the dot with the word "Jupiter."
3. Do the same thing for the other four planets; Saturn, Uranus, Neptune, and Pluto on your map only.
4. Your team has been assigned to a planet. Write the name and location coordinates of your planet.

PLANET: \_\_\_\_\_ LOCATION COORDINATES (X\_\_\_\_\_, Y\_\_\_\_\_)



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