

Navigation Specialist

Handout #2



Planet Team:
(Circle one)

Jupiter

Saturn

Uranus

Neptune

Pluto

Navigation Specialist

Handout #2



Planet Team:
(Circle one)

Jupiter

Saturn

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Pluto

Plotting the Unknowns

Handout #2/ Task Card #2

The solar system has many objects besides planets. Some of these objects include comets, asteroids, moons, and satellites sent from Earth.



Satellites near the five planets have located five unknown objects. One of these objects may be the lost ship.

You will use location coordinates given to you on the data computer to plot and label the five unknown objects.

Plotting the Unknowns

Handout #2/ Task Card #2

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You will use location coordinates given to you on the data computer to plot and label the five unknown objects.

Plotting the Unknowns

Handout #2/ Task Card #3

Examine your team's data computer to get the location coordinates of each unknown object near each planet and write them here:

Location Coordinates	Discovered Near:	Location Coordinate
Unknown #1	Jupiter	(____,____)
Unknown #2	Saturn	(____,____)
Unknown #3	Uranus	(____,____)
Unknown #4	Neptune	(____,____)
Unknown #5	Pluto	(____,____)

Plotting the Unknowns

Handout #2/ Task Card #3

Examine your team's data computer to get the location coordinates of each unknown object near each planet and write them here:

Location Coordinates	Discovered Near:	Location Coordinate
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Unknown #2	Saturn	(____,____)
Unknown #3	Uranus	(____,____)
Unknown #4	Neptune	(____,____)
Unknown #5	Pluto	(____,____)

PLOT AND LABEL THE UNKNOWN OBJECT

Handout #2/Task Card #4

1. Plot "Unknown #1" on your own map by drawing a large dot.
2. Label the dot as "Unknown #1."
3. Do the same thing for the other four unknown objects on your map only.
4. Which is your team's planet? (circle one)
Jupiter Saturn Uranus Neptune Pluto
5. Write the coordinates for the "unknown" object closest to your planet:
Coordinates: (____, ____)



TAKE THIS BOOKLET TO YOUR COMMUNICATIONS OFFICER
IF THE COMMANDER APPROVES YOUR DATA, THEN PLOT THE
COORDINATES OF THE UNKNOWN OBJECT FOR YOUR PLANET
ONLY ON THE NAVIGATION TEAM MAP. LABEL AS "UNKNOWN
OBJECT"

PLOT AND LABEL THE UNKNOWN OBJECT

Handout #2/Task Card #4

1. Plot "Unknown #1" on your own map by drawing a large dot.
2. Label the dot as "Unknown #1."
3. Do the same thing for the other four unknown objects on your map only.
4. Which is your team's planet? (circle one)
Jupiter Saturn Uranus Neptune Pluto
5. Write the coordinates for the "unknown" object closest to your planet:
Coordinates: (____, ____)



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COORDINATES OF THE UNKNOWN OBJECT FOR YOUR PLANET
ONLY ON THE NAVIGATION TEAM MAP. LABEL AS "UNKNOWN
OBJECT"