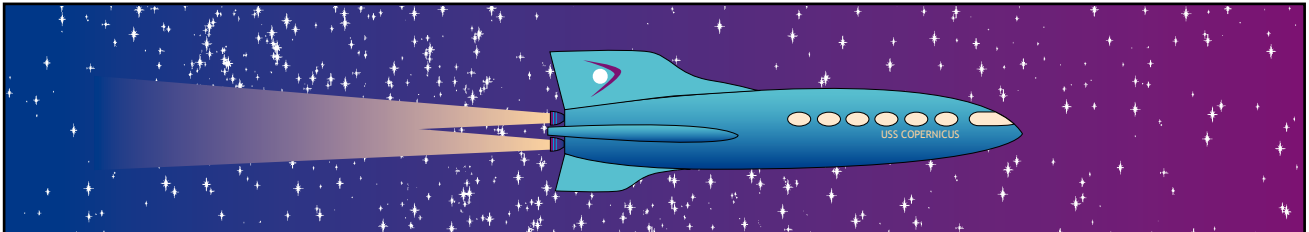


Activity 27: The Solar System

Work Sheet # 1 KidsAstronomy.com

Read: You are the captain of the USS Copernicus. Your job is to safely take your new crew on a voyage through the Solar System. Before you can leave you must prepare yourself by gathering as much information as possible about the Solar System. Here is a list of questions to help you prepare for your voyage.

Hint: Visit http://www.KidsAstronomy.com/solar_index.htm to find the answers.



- 1 If you leave the Earth traveling towards the Sun which planet will you come to first?

| | | | |
|--------------------------|-------|--------------------------|---------|
| <input type="checkbox"/> | Pluto | <input type="checkbox"/> | Neptune |
| <input type="checkbox"/> | Venus | <input type="checkbox"/> | Mercury |
- 2 Which planet has the strongest gravity?

| | | | |
|--------------------------|---------|--------------------------|--------|
| <input type="checkbox"/> | Jupiter | <input type="checkbox"/> | Saturn |
| <input type="checkbox"/> | Earth | <input type="checkbox"/> | Mars |
- 3 Which planet does not have rings?

| | | | |
|--------------------------|---------|--------------------------|---------|
| <input type="checkbox"/> | Uranus | <input type="checkbox"/> | Mercury |
| <input type="checkbox"/> | Jupiter | <input type="checkbox"/> | Saturn |
- 4 Which of the following planets has no moons?

| | | | |
|--------------------------|-------|--------------------------|--------|
| <input type="checkbox"/> | Earth | <input type="checkbox"/> | Venus |
| <input type="checkbox"/> | Mars | <input type="checkbox"/> | Saturn |

5 In your own words, what does Pluto mean?

6 Would you want to land your ship on Jupiter's moon Io? Why, or why not?

7 What part of the Solar System do you think is most interesting? Why?



Match:

Draw a line connecting each of the following features with its planet.
Some features might belong to more than one planet.

8 Pacific Ocean

Mercury

Venus

9 Great Red Spot

Earth

10 Rings

Mars

11 Moons

Jupiter

12 You

Saturn

13 Plants and Animals

Uranus

14 Oxygen Rich Atmosphere

Neptune

15 Largest Canyon

Pluto