Solar System Trading Cards, Jr. Edition

To use these cards:
Print out onto card stock or heavy paper.
Cut out and fold in half along dotted line; glue or tape each card together.

Learn more about the solar system on these websites:

NASA
Get the latest science about spaceflight, the universe, and the planet Earth.
www.nasa.gov

Amazing Space
Student activities, lessons, fun facts, and more from the Hubble Space Telescope.
amazing-space.stsci.edu

HubbleSite
Explore the Hubble Space Telescope’s discoveries through images, videos, and news.
hubblesite.org

NASA Wavelength
Digital Library
Search a full spectrum of NASA resources for Earth and space science education.
http://nasawavelength.org

Find more resources at amazing-space.stsci.edu
The Sun is our star. It is very hot.
The Sun is the biggest object in the solar system.

Game Question
Which planet is red?
Mercury is the first planet from the Sun. Mercury is a small, rocky planet. It has craters and looks like our Moon. Mercury is the planet closest to the Sun.

Game Question: Which planet has water?
Venus is the second planet from the Sun. Venus is a rocky planet. It has many clouds and it is hot. Venus is about the same size as Earth.

Game Question: Which planet has many rings?
Earth

Earth is the third planet from the Sun.

Earth is a rocky planet.

It has one moon.

Earth is our planet, and it has air and water.

Game Question

Which planet spins on its side?
The Moon

The Moon is rocky and covered with dust.

The Moon travels around Earth.

Game Question

Which planet was named for the Roman god of the sea?
Mars is the fourth planet from the Sun. Mars is a rocky planet covered with dust. It is red. Mars has two small moons.

Game Question

Which object travels around Earth?
Asteroids

Asteroids are rocks found in the solar system. Most asteroids are found between Mars and Jupiter.

Game Question
What is the biggest object in the solar system?
Jupiter

Jupiter is the fifth planet from the Sun.

Jupiter is made mostly of gas.

It has a big red spot.

Jupiter is the biggest planet in our solar system and has many moons.

Game Question

Which planet is closest to the Sun?
Saturn is the sixth planet from the Sun. Saturn is made mostly of gas. It has many rings. Saturn is a big planet and has many moons.

Game Question

Which planet has a big red spot?
Uranus

Uranus is the seventh planet from the Sun. Uranus is made mostly of gas. It spins on its side. Uranus is a big, blue-green planet and has many moons.

Game Question

Which object is no longer called a planet?
Neptune is the eighth planet from the Sun. Neptune is made mostly of gas. It is named for the Roman god of the sea. Neptune is a big blue planet and has many moons.

Game Question

What objects are called dirty snowballs?
Pluto

Pluto is made of ice and some rock. It is a small object in our solar system.

Pluto was a planet for 76 years, but it was removed from the planet list in 2006.

Game Question

What rocks are found between Mars and Jupiter?
Comets

Comets are made of ice and dust. They are called dirty snowballs.

When a comet comes close to the Sun, it forms a long tail.

Game Question

Which planet is about the same size as Earth?
The telescope is named for astronomer Edwin P. Hubble. The telescope is about the size of a school bus. The space shuttle Discovery put the telescope into space in 1990. Computers on the ground control the telescope. The telescope travels around the Earth about every 90 minutes.
Did you know?

Planets are not all the same size.

Some planets are made of rocks.

Some planets are made of gas.

Many planets have moons.

Spacecraft cannot land on Jupiter, Saturn, Uranus, or Neptune.

Asteroids and comets are made of different stuff.

Comets do not always have a tail.

Read this list.

How many do you know?

How did you learn the facts you know?

1. The solar system is made up of the Sun, planets, moons, asteroids, and comets.
2. The Sun is the center of the solar system.
3. All planets travel around the Sun.

The solar system is made up of the Sun, planets, moons, asteroids, and comets.

The Sun is the center of the solar system.

All planets travel around the Sun.
How to Play

1. One person reads the statements on the “Did You Know” card aloud, to introduce the players to the solar system.
2. Each player gets one card.
3. Players silently read the information on the back of their cards.
4. The game begins when one player reads aloud the information and the question on the back of the card.
5. The player holding the card with the answer to that question stands and reads the information on his or her card, including the next question.
6. The game continues until all the cards have been read.