

The Universe

What is the universe?
How big is the universe?
What is in the universe?

The Planets

How many planets?
Planet names.
Earth is a planet.

Solar System

What makes up the Solar System?

Technology

How do we study the universe?
Space exploration

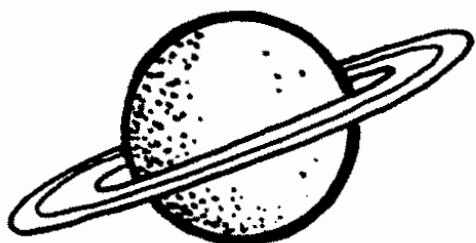
space ★ objectives

Comets

What is a comet?
What is Halley's comet and who discovered it?
When is the next time that Halley's comet will appear?

Space

What is space?
Space has no air and no gravity.



Stars + Sun

What is a star?
The sun is a star.
How is the sun essential to life on Earth?
How can the sun harm us?
What is a galaxy?

The Moons

Characteristics of Earth's moon.
Other planets have moons.

Light and Warmth!

Space Task Card # 5

Read the information card on The Sun.

Suppose that one day, the sun burned itself out, like a lightbulb! What would happen? What would we do for light? How would we keep warm?



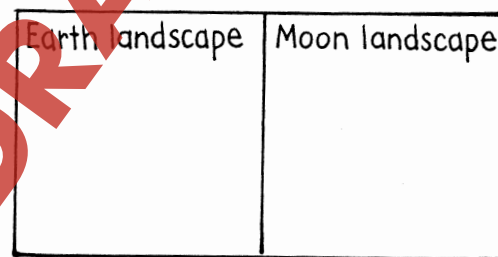
Task Card #8

Earth and Moon

Earth is full of trees, animals, lakes and rivers. The moon has no air or water. The moon is full of craters or holes. There are rocks and a kind of soil on the moon.

Can you illustrate the landscape of the moon and the earth. Use your drawings to compare the two.

Use the materials provided. Set up your page like this:



Divide your page in half and write in the titles.

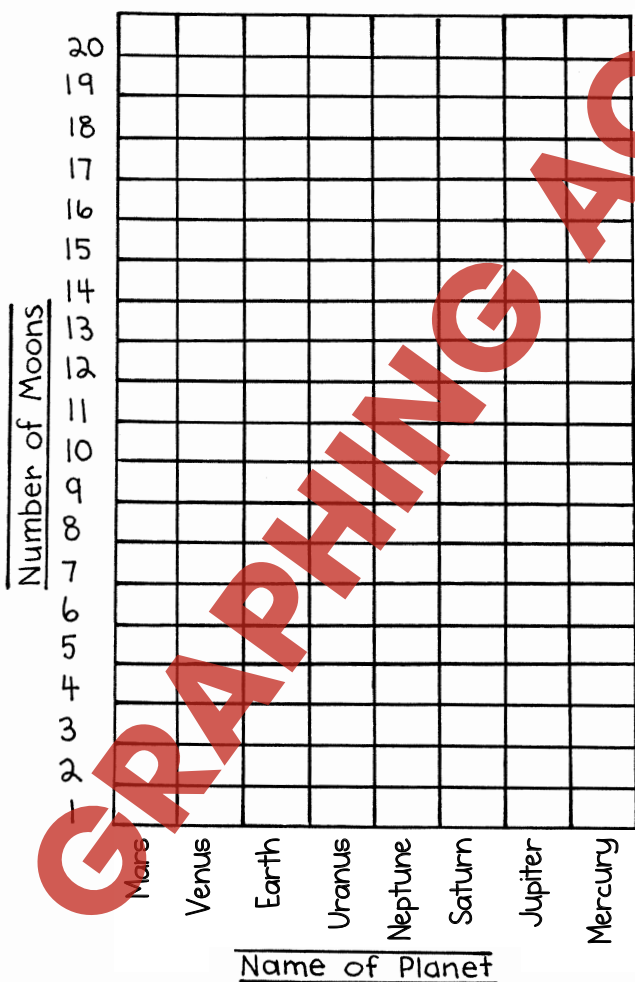
Art Basket # 3

Task Card #9

Name _____ date _____

Graph of the Moons

Graph the information from the moon chart on the information card. Colour the moons of each planet a different colour.

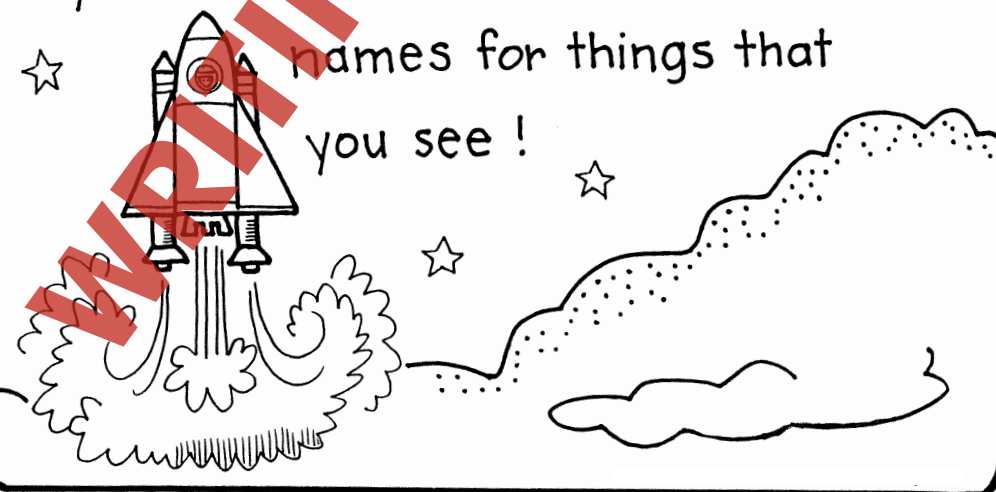


File Folder # 3

You are an alien!

Space Task Card # 14

Can you pretend that you are an alien in disguise visiting Earth? You are writing in your journal to tell about what you saw today on Earth. Remember that because you are an alien, you do not know all the earth names for things that you see!



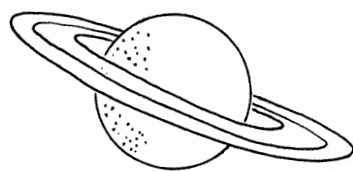
The Solar System

Earth is part of the Solar System. Seven other planets are part of the Solar System, too.

The sun is at the centre of the Solar System. The eight planets all move around the sun.

The names of the eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

The Solar System is only a very small part of the Universe.



Space Card Match

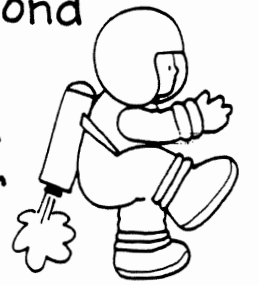
A memory game for 2-3 players.

There are 8 pairs of space cards to this game. Mix the cards well and place them face down on the floor or table. Make 4 rows of 4 cards in each row.

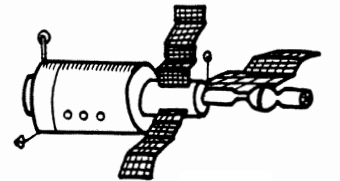
Decide who goes first, second or third.

The first player turns over one space card. The first player then turns over another space card, looking for its match. If the cards match, the player keeps the cards and tries again.

When the cards don't match, the cards are turned face down again in the same place. It is the next player's turn.



Have fun!



Name _____ date _____ ☆ Task Card

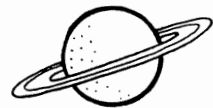
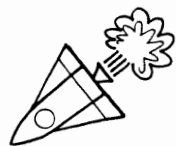
Can you find the space words from the letters below.

Word List: mars, pluto, star, sun, rocket, moon, comet, galaxy, venus, neptune, rings.

File Folder #5

The planets do not have capital letters in this game.

k r i n g s s g
 m o n a z u a
 w c o m e t n i
 v k s t a r v a
 n e p t u n e x
 u t l w r l n y
 n x u r a n u s
 z f t m a r s a
 p i o s k o t z



Space Quiz

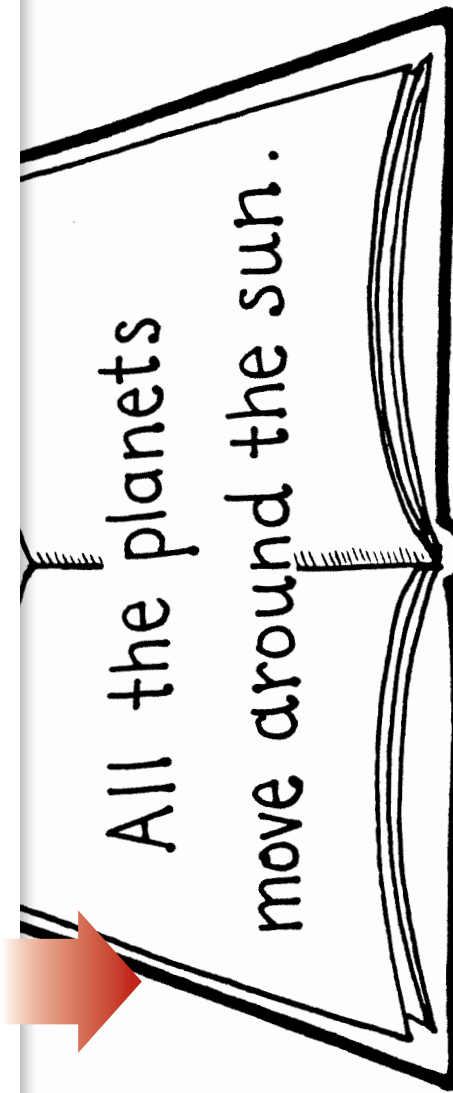
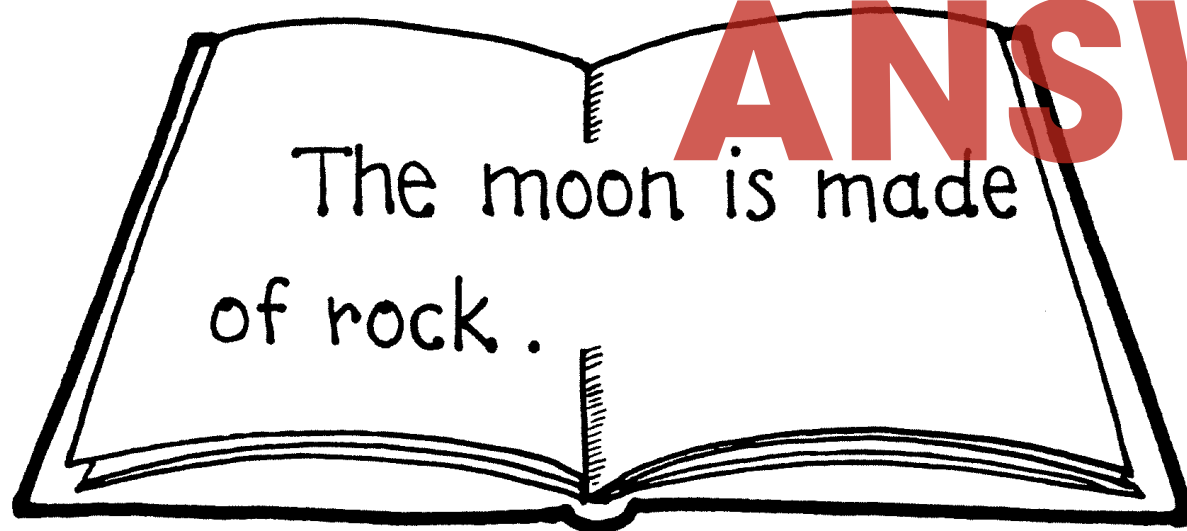
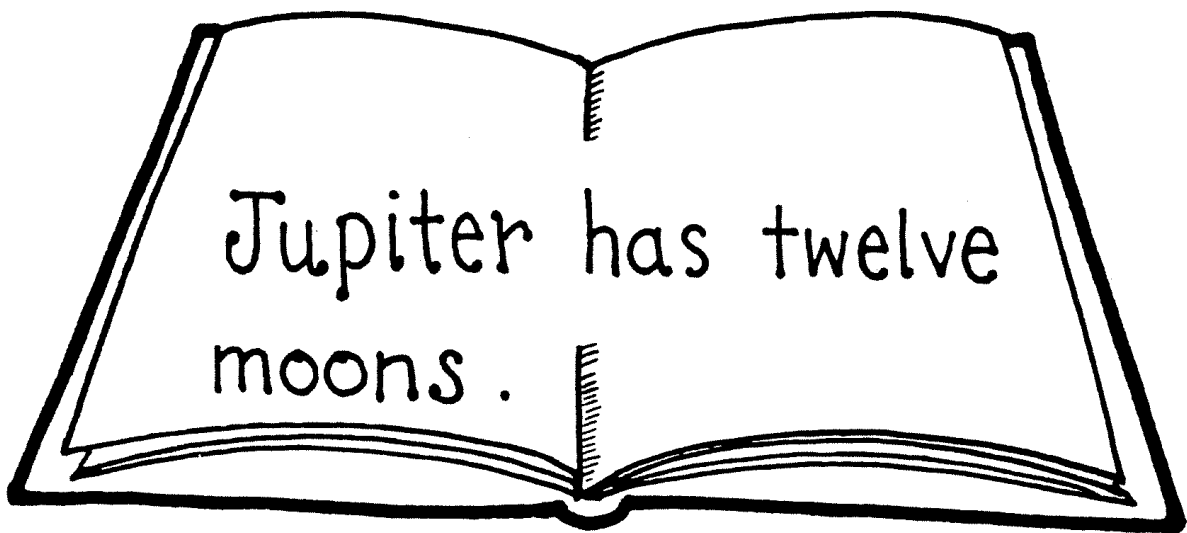
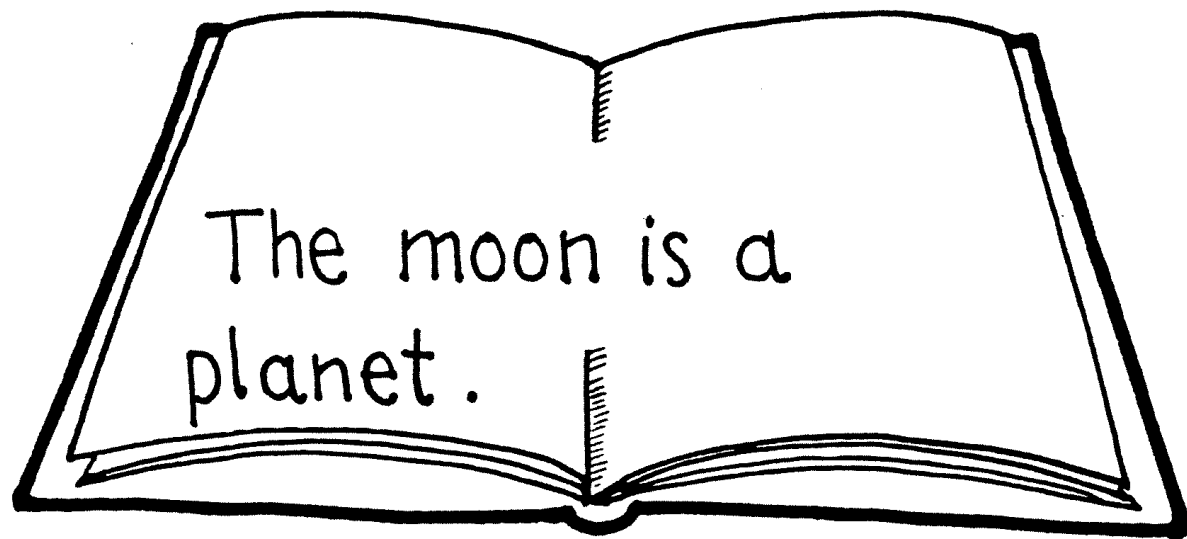
What do you know about space?



Name _____ date _____

- There is no _____ or _____ in space.
- Everything that we know about is in the _____.
- There are _____ planets.
- The _____ is in the centre of the Universe.
- The sun gives us _____ and _____.
- Jupiter has _____ moons.
- _____ study the Universe.
- We can see the sky when we look through a _____.
- _____ are people who go up in space. Some even have walked on the moon.
- Comets are balls of rock and _____.

Word List: gas, Universe, air, gravity, sixty-three, Sun, Astronomers, light, warmth, Astronauts, eight, telescope.



Classifying Cards

☆ Old Books ☆	☆ New Books ☆
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ANSWER KEY

Library Update Answers

Books
The moon is a planet.
Jupiter has twelve moons.
The earth is flat.
The moon is made of
cheese.
There are two planets
in the Solar System.

New Books
The moon is made
of rock.
There are 8 planets
in the Solar System.
The Solar System
is in the Milky Way.
Earth is not the
only planet with a moon.