

Jupiter The Giant

It has storms that last for centuries and its rocky center core is totally covered by a massive sea of liquid hydrogen. Jupiter isn't anyone's idea of a great summer vacation spot!

- Woodword

Dear Kid Scoop Readers -Jupiter is the largest and ___ planet. If it were ______ more than 1,000 Earths could fit inside. Jupiter is one heavy planet! Jupiter is almost 1,000 times heavier than Earth. That means it has a much ____ gravitational pull. If you weigh 100 __ on Earth, you would ____ 23L pounds on Jupiter!

Stormy Spot

sunset every ten hours!

Tupiter is the largest planet in our solar system.

J So, why is a day on Jupiter so short? It's only

about ten Earth hours long. That means there is a

The fast rotational speed of Jupiter is one of the

planet. Wind speeds on Jupiter can reach nearly

400 miles per hour. The big storm known as the

reasons why there are so many storms on the

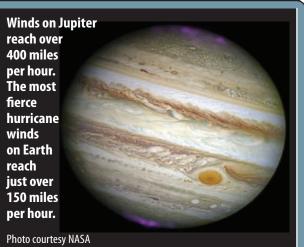
Great Red Spot may be one giant storm that scientists think has been going on for many years. How many years? Do the math:

Replace the missing words.

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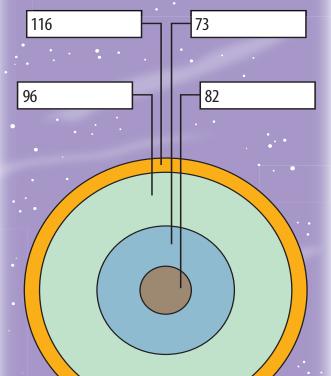
THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE





Label the Layers

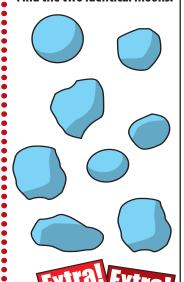
10+21+54+11 = LIQUID HYDROGEN 14 + 13 + 71 + 18 = CLOUD LAYER22+8+39+6+7 = ROCK CORE11 + 11 + 11 + 14 + 26 = METAL HYDROGEN



Moons of Jupiter

For many years, scientists said that Jupiter had 16 moons. But in recent years, more objects have been discovered that could be moons, or satellites possibly another 47 moons! It will take awhile to know if these are actually all moons. Some are round like ours and some are irregular shapes.

Find the two identical moons.



Jupiter

Adjectives

Look through

the newspaper

to find five

adjectives that describe

Jupiter.

Standards Link: Language Arts: Follow simple written directions.

Use this chart to answer these questions.

- 1. How many million miles closer to the sun is Earth than Jupiter? □ 250 □ 391 □ 484
- 2. A day on Jupiter is more than twice as long as a day on Earth. ☐True ☐ False

	J
DISTANCE FROM THE SUN	4
TIME TO ORBIT THE SUN	1
ORBIT SPEED	2
LENGTH OF DAY	1
DIAMETER	8
NUMBER OF MOONS	6

	•
JUPITER	EARTH
484 MILLION MILES	93 MILLION MILES
12 EARTH YEARS	365 DAYS
29,304 MILES PER HOUR	70,000 MILES PER HOUR
10 HOURS	JUST A BIT OVER 24 HOURS
86,881 MILES	7,926 MILES
63	1

Complete the grid by using all the letters

Kid Scoop Together

Are you a careful reader?

Read the article below and see

if you can circle all five errors. *Then, rewrite the article*

correctly on the blank lines.

Moon Struck

Jupiter's four largest moons

are Ganymede, Europa, Io

and Callista. These moons

are called Galileian moons

after the scientists Galileo

who discovered them with his

small telescoop in 1610.

Ganymede is the largest of

Jupiter's moons. It is bigger

then the planet Mercury.

Europa is covered with ice.

Io has exploding volcanoes.

Something know other moon in the solar system has.

Callisto is made up of both

rock and iced. It may also

have liquid water.

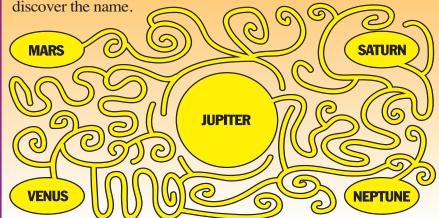
in the word STORM in each vertical and horizontal row. Each letter should only be used once in each row. Some spaces have been filled in for you.

S	0	T	M	R
R				S
	R			
T			R	0
		R		M

Double Scoop Puzzier **How Jupiter Got Its Name**

The Romans knew of seven bright objects in the sky: the sun, the

moon and the five brightest planets. They named them after their most important gods. Jupiter, the largest planet, was named after the king of the Roman gods. Jupiter was the son of another Roman god with a name you'll recognize. Follow the maze to discover the name.



ROTATIONAL

HEAVIEST JUPITER REASONS HOLLOW SUNSET GIANT MOONS

STORM WEIGH **SPOT** LIFT LONG **HOUR**

RED

Find the words in the puzzle. Then look for each word in this week's Kid Scoop stories and activities.

RSTORMOONS USTSEIVAEH O P P N G I R S R G HALOAENUET ROTATIONAL EILINLGSSI DCPLOEJEOF UUPNOTTTNT J H G I E W T E S R

Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

Kid Scoop **VOCABULAR**

This week's word: ROTATIONAL

The adjective **rotational** means the circular path as something turns on its axis.

The **rotational** cycle of Earth brings us night and day.

Try to use the word rotational in a sentence today when talking with your friends and family.

Big to Small

The newspaper is full of abbreviations. Take one section of the newspaper and circle at least ten abbreviations. List them on a sheet of paper and write out the full word after each abbreviation.

Standards Link: Research: Use the newspaper to locate information.





Go Explore!

If you could go anywhere in the world, where would you go? Why? What would you take with you?



The Summer Reading Program kicks off June 21st. Brought to you by the Cottage Grove Sentinel, and the Cottage Grove Public Library

Cottage Grove Sentinel

