

# Kid Scoop®

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



© 2017 by Vicki Whiting, Editor Jeff Schinkel, Graphics Vol. 33, No. 32

## 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!

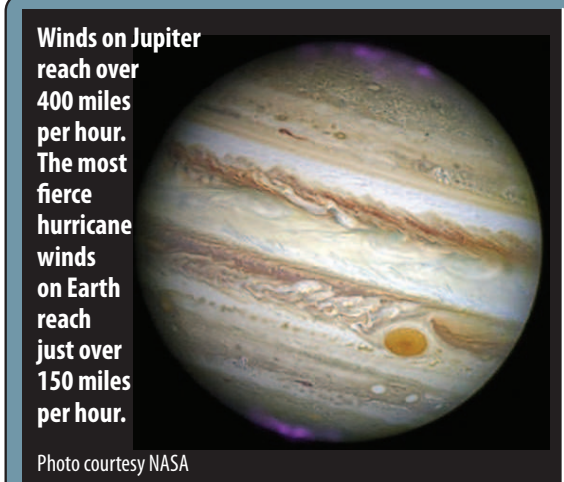
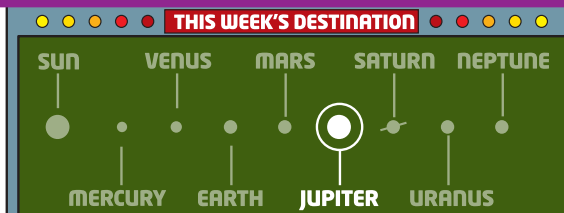


Dear Kid Scoop Readers -  
Jupiter is the largest and \_\_\_\_\_ planet. If it were \_\_\_\_\_, more than 1,000 Earths could fit inside.

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 \_\_\_\_\_ 236 pounds on Jupiter!  
- Woodward

Replace the missing words.

- POUNDS**
- HOLLOW**
- STRONGER**
- WEIGH**
- HEAVIEST**



## Stormy Spot

Jupiter is the largest planet in our solar system. So, why is a day on Jupiter so short? It's only about ten Earth hours long. That means there is a sunset every ten hours!

The fast rotational speed of Jupiter is one of the reasons why there are so many storms on the planet. Wind speeds on Jupiter can reach nearly 400 miles per hour. The big storm known as 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:

Photo courtesy NASA

25
25
25
25
100
25
25
25
25
+
25

Use this chart to answer these questions.

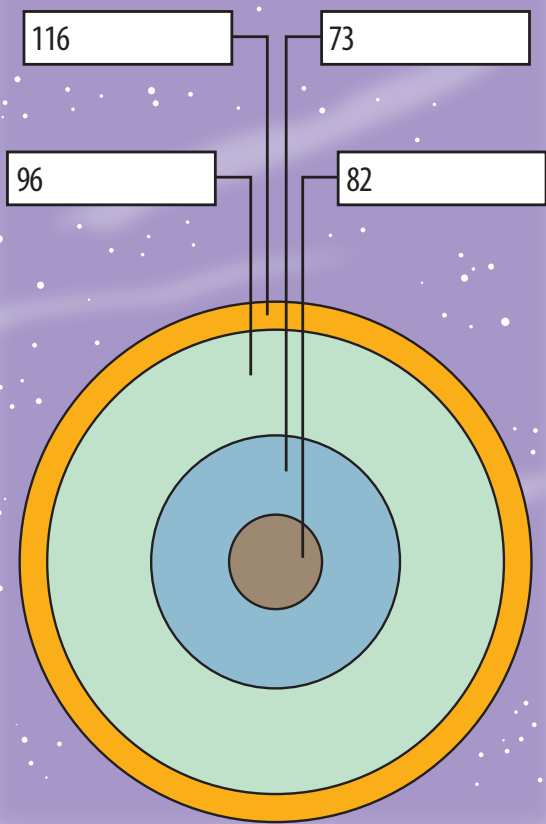
- How many million miles closer to the sun is Earth than Jupiter?  
 250  391  484
- A day on Jupiter is more than twice as long as a day on Earth.  
 True  False

	JUPITER	EARTH
DISTANCE FROM THE SUN	484 MILLION MILES	93 MILLION MILES
TIME TO ORBIT THE SUN	12 EARTH YEARS	365 DAYS
ORBIT SPEED	29,304 MILES PER HOUR	70,000 MILES PER HOUR
LENGTH OF DAY	10 HOURS	JUST A BIT OVER 24 HOURS
CIRCUMFERENCE	272,946 MILES	7,926 MILES
NUMBER OF MOONS	63	1

SOURCE: planetfacts.org

## Label the Layers

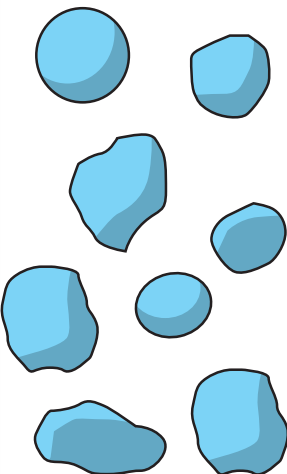
- 10 + 21 + 54 + 11 = LIQUID HYDROGEN
- 14 + 13 + 71 + 18 = CLOUD LAYER
- 22 + 8 + 39 + 6 + 7 = ROCK CORE
- 11 + 11 + 11 + 14 + 26 = METAL HYDROGEN



## 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.



**Extra! Extra!**

## Mars Adjectives

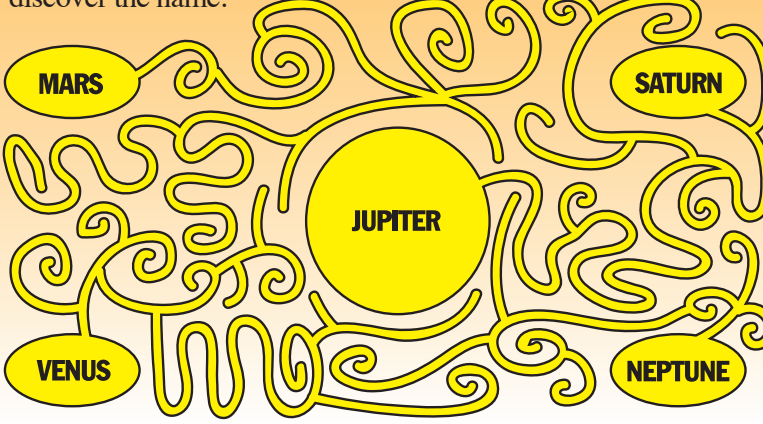
Look through the newspaper to find five adjectives that describe Jupiter.

Standards Link: Language Arts: Follow simple written directions.

## Kid Scoop® Puzzler

### 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.



## Double Double Word Search

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

R	S	T	O	R	M	O	O	N	S
U	S	T	S	E	I	V	A	E	H
O	P	P	N	G	I	R	S	R	G
H	A	L	O	A	E	N	U	E	T
R	O	T	A	T	I	O	N	A	L
E	I	L	I	N	L	G	S	S	I
D	C	P	L	O	E	J	E	O	F
U	U	P	N	O	T	T	T	N	T
J	H	G	I	E	W	T	E	S	R

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

## FROM THE Kid Scoop® LESSON LIBRARY

### 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.

## How do robots shave?

ANSWER: With a laser blade.

**Astoria Forest Products, LLC**  
10 Pier 1 • Suite 301  
Astoria, Oregon 97103

**KOA** Astoria, Warrenton & Seaside  
1100 Northwest Ridge Road  
Hammond, OR 97121  
reservations 800-562-8506  
info 503-861-2606

**Northwest West Inc.**  
Income Tax Preparation  
762 Avenue G • Seaside, OR 97138  
503-738-3480

**Tires LES SCHWAB**  
**McCALL TIRE CENTER**  
WARRENTON 861-3252  
1167 SE Marlin  
SEASIDE 738-8243  
2155 S. Roosevelt

**Morgan Civil Engineering**  
PO Box 358 • Manzanita  
503-368-6186

**JOE'S Mobil**  
1701 Marine Dr.  
Astoria, OR  
503-325-7812

**Classic BODYWORKS**  
AND TOWING  
503.325.0411  
34747 Hwy 101 Bus.  
ASTORIA

**LEWIS & CLARK**  
TIMBERLANDS™  
MANAGED BY  
GREENWOOD RESOURCES\*

**RE/MAX**  
River & Sea

**Kevin Bros. LAND & TIMBER**  
ASTORIA | 503-556-0410

**Sunspire Health**  
Astoria Pointe  
The Rosebriar  
263 W Exchange • Astoria | (877) 435-7790

**NORTHWEST READY MIX**  
950 Olney Ave • Astoria  
503-325-3562

**STREET FOURTEEN CAFE**  
1410 COMMERCIAL STREET  
ASTORIA  
503-325-5511

**DA YANG**  
Great Ocean  
Da Yang Seafoods LTD.

**ASTORIA RIVERWALK INN**  
400 INDUSTRY ST.  
ASTORIA  
503.325.2013  
AstoriaRiverwalkInn.net

**La Cabana D Raya**  
MEXICAN RESTAURANT  
35431 HWY 101 BUS • ASTORIA • 503-325-3656

**Emerald Heights**  
APARTMENTS  
503-325-8221

**Golden Sands**  
A Retirement and Assisted Living Community  
21608 O Lane • Ocean Park • 360-665-0190

**Bayshore Animal Hospital**  
325 Marlin Avenue  
WARRENTON  
503-861-1621

**WORKSOURCE OREGON**  
NORTHWEST OREGON EMPLOYMENT DEPT.  
450 MARINE DR ASTORIA 503-325-4821

**Home Furnishings**  
1033 Commercial Street  
Astoria, Oregon 97103  
(503) 325-5620

**COLUMBIA RIVER BAR PILOTS**  
Providing safe passage since 1846

## NEWSPAPER CARRIERS NEEDED

The Daily Astorian has several routes available • Call 503-325-3211 for more information

Thanks to the following businesses for supporting Newspapers In Education

www.dailyastorian.com/nie

- Appelo Archives Center
- Hees Enterprises Inc.
- Quackenbush Builders Inc.
- Bridgewater Bistro
- Clatsop Behavioral Healthcare
- Lazerquick Seaside/Astoria
- Premium Adjustable Beds
- Suzanne Elise Assisted Living
- Moberg & Rust, Attorneys at Law
- Lower Columbia Clinic
- Ship Inn
- Rock Bauer Landscapes
- Chinook Marine Repair Shop
- Astoria's Best
- Bergerson Construction
- Josephson's Smokehouse
- U Street Pub and Eatery

**Velazquez Painting & Construction LLC**  
1159 Wahanna Seaside  
503-739-3055

**Martin L. Alvey, P.C.**  
10 PIER ONE SUITE 202 | ASTORIA  
martinalvey.com | 503-325-5509

**SUBWAY**  
11 W. Marine Dr. | Astoria | 503-325-3322