## Jupiter The Giant <br> 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
 planet. If it were $\overline{\text { fit inside. }}$
17 이 Earths could finer Jupiter is Jupiter is one heavy planet! Jupiter is almost lioll times heavier That means it has a much weigh 100 gravitational pult you would $\overline{2 \exists 6}$ pounds on Jupiter!

## 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 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:
 Woodword

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

$]^{73}$


## DISTANCE FROMTHESUN

 TIMETO ORBITTHESUN ORBIT SPEED LENGTH OF DAY DIAMETERNUMBER OFMOONS

JUPITER

## 484MILLIONMILES

12 EARTHYEARS 29,304 MLLES PER HOUR
 86,881 MILES

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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.


EARTH 93 MILLION MILES 365 DAYS 70,000 MILES PER HOUR JUST A BIT OVER 24HOURS 7,926 MILES

Use this chart to answer
these questions.

1. How many million miles closer to Earth than Jupiter? twice as long as a day on Earth $\square$ False


## nomile nouble Word Search

ROTATIONAL $\begin{aligned} & \text { Find the words in the puzzle. Then } \\ & \text { look for each word in this week's }\end{aligned}$ HEAVIEST Kid Scoop stories and activities. JUPITER REASONS HOLLOW SUNSET GIANT MOONS STORM WEIGH SPOT LIFT LONG
HOUR
RED
 $\begin{array}{cccccccccc}R & S & T & O & R & M & O & O & N & S \\ U & S & T & S & E & I & V & A & E & H\end{array}$ O $\quad$ P $\quad$ P $\quad$ N $\quad$ G $\quad I \quad R \quad S \quad R \quad G$ H A L O A E N U E T R $\begin{array}{llllllllll}\text { E } & \mathrm{I} & \mathrm{L} & \mathrm{I} & \mathrm{N} & \mathrm{L} & \mathrm{G} & \mathrm{S} & \mathrm{S} & \mathrm{I}\end{array}$

 $\begin{array}{llllllllll}J & H & G & I & E & W & T & E & S & R\end{array}$
Standards Link: Letter sequencing. Recognized identical
words. Skim and scan reading. Recall speling pattens.


FROM THE EROQ LGSSOM LIBRRRU

## 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. word Lank Rent Standards Link: Research: Use the newspaper to locate information



Homionimis Sinivis

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

Are you a careful reader? Read the article below and see if you can circle all five errors. Then, rewrite the article

## 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.

> T. 860 P VOCABULABY Bullders This week's word: ROTATIONAL
> The adjective rotational means the circular path as

> 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.

## Write onl E [ <br> Go Explore! <br> If you could go anywhere in the world, where would you go? Why? What would you take with you?

