Kid Scoop.com

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE

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Neptune: The Windy Planet

Extremely windy and icy cold, Neptune is a planet that is beautiful to look at but not welcoming to Earthlings.

Dear Kid Scoop Readers -

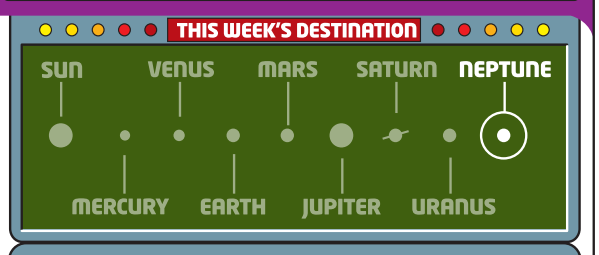
Would you like to visit Neptune? You'd need a super space suit to _____ the planet's _____ conditions!

Scientists think there might be a super hot ocean under Neptune's cold _____. It does not _____ because of the incredible pressure. This _____ makes it impossible for a spacecraft - or person, to _____ on the planet.

- Woodword

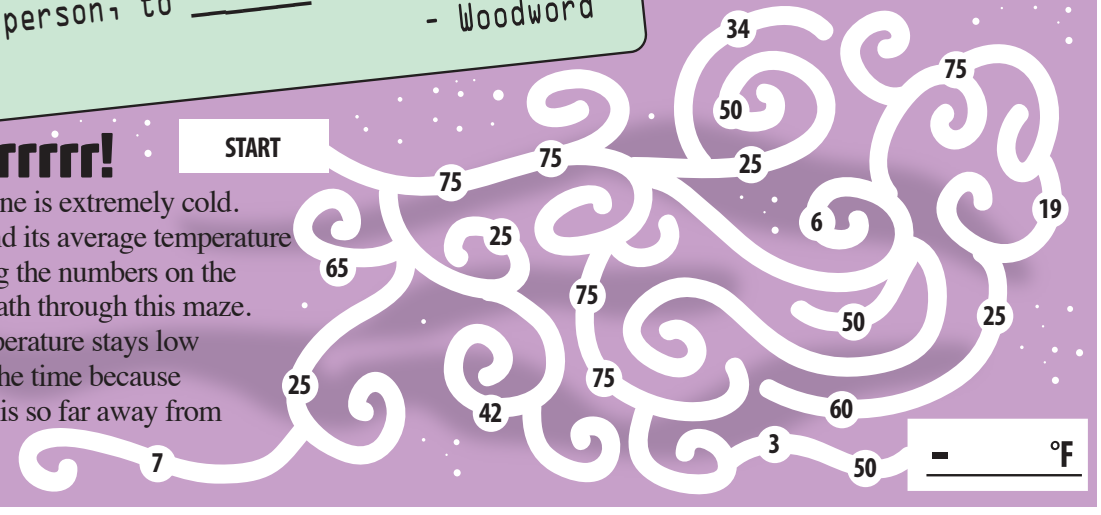
Replace the missing words.

CLOUDS
LAND
PRESSURE
EVAPORATE
SURVIVE
ROUGH



Brrrrrrrr!

Neptune is extremely cold. Find its average temperature by adding the numbers on the correct path through this maze. The temperature stays low most of the time because Neptune is so far away from the sun.



Hold Onto Your Hat!

Neptune is super windy. NASA says it might be the windiest planet in the solar system. Winds blow at speeds up to 1,200 mph! Complete the comparison chart below. Color in squares to indicate that a passenger jet cruises at about 500 mph, a bullet train at 300 mph and an Indy Car at 200 mph.

	100	100	100	100	100	100	100	100	100	100	100	100
Neptune wind												
passenger jet												
Bullet Train												
Indy Car												

Use this chart to answer these questions.

1. The planet Neptune orbits the sun much faster than does Earth.
   ☐ True ☐ False
2. The length of three Earth days are more than the length of four days on Neptune.
   ☐ True ☐ False

	NEPTUNE	EARTH
DISTANCE FROM THE SUN	2.8 BILLION MILES	93 MILLION MILES
TIME TO ORBIT THE SUN	164.93 EARTH YEARS	365 DAYS
ORBIT SPEED	12,079 MILES PER HOUR	70,000 MILES PER HOUR
LENGTH OF DAY	16 HOURS 6 MINUTES	JUST A BIT OVER 24 HOURS
DIAMETER	49,493 MILES	7,926 MILES
NUMBER OF MOONS	13 OR MORE	1

SOURCE: planetfacts.org

Happy New Year... Finally!

Neptune was discovered in 1846. But it took until the year 2011 for the planet to complete its first orbit around the sun since being discovered.

About how many Earth years did it take for Neptune to orbit the sun?

How many rings does Neptune have? Color the even-numbered squares blue and the odd-numbered squares black.

1	8	2	8	7
3	4	3	7	5
9	6	4	8	9
5	2	9	2	3
7	4	4	6	1

Extra! Extra!

Neptune Adjectives

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

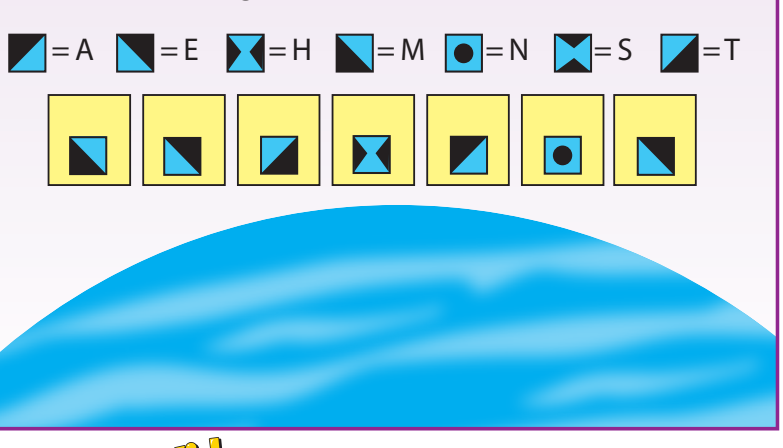
Standards Link: Language Arts: Follow simple written directions.

Kid Scoop Puzzler

How Neptune Got Its Name

Neptune appears blue because of a layer of gas that gives it a deep blue color. This blue color inspired scientists to name Neptune after the Roman god of the Sea.

What is the blue gas that gives Neptune its beautiful color? Use the code to find out.



Double Double Word Search

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

EVAPORATE
PRESSURE
NEPTUNE
SURVIVE
AVERAGE
CLOUDS
WINDY
SUPER
VISIT
ROUGH
RINGS
BLUE
LAND
BLOW
HOT

C	E	T	A	R	O	P	A	V	E
E	C	O	B	L	D	Y	E	H	L
G	L	B	A	L	D	R	O	N	A
A	O	L	E	N	U	T	P	E	N
R	U	O	I	S	S	E	W	V	D
E	D	W	S	U	R	V	I	V	E
V	S	E	P	I	N	S	D	Y	S
A	R	E	T	R	I	N	G	S	A
P	R	R	S	T	H	G	U	O	R

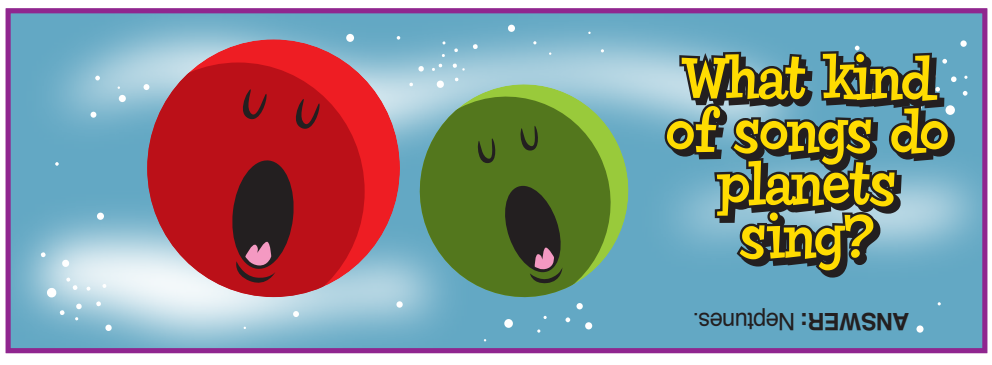
Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

FROM THE Kid Scoop LESSON LIBRARY

Spacey Math

Circle the largest and smallest numbers on one newspaper page. Subtract the two numbers you have found. Add the two numbers. Repeat with other pages in the newspaper.

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



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