

Kid Scoop

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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Kid Scoop Together

Proof It

Are you a careful reader? Read the article below and see if you can circle all seven errors. Then, rewrite the article correctly on the blank lines.

Saturn and the Rings

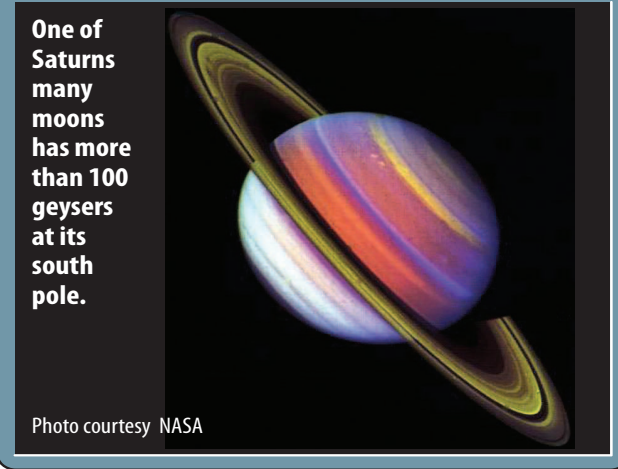
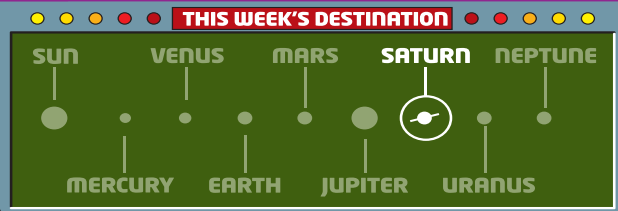
With its colorful rings, Saturn is one of the most recognizable planets in our solar system. But depending on the time of year, the rings can play tricks with your eyes!



Dear Kid Scoop Readers -
 Saturn is amazing! Rings of _____ circle this planet and it has _____ of moons. It's the second largest in our solar system. If it were _____, more than 700 planet Earths could fit inside Saturn.
 Saturn is a gas planet - which means you can't _____ or _____ on it. But it is pretty to look at!
 - Woodward

Replace the missing words.

- BREATHE**
- HOLLOW**
- DOZENS**
- PLANET**
- WALK**
- COLOR**



Mysterious Planet

One thing NASA knows about Saturn's rings is that they are made of ice and rock. But they aren't sure how and when the rings form. They think it might have something to do with Saturn's many moon.

Earth has only one moon. Saturn has at least 60 that we know of. One theory is that asteroids crashed into some of its moons and caused them to break into pieces. The rings could be pieces of broken moons.

Titan is the largest of Saturn's moons. It is the only moon in our solar system known to have an atmosphere.

Meet Cassini

Cassini is the latest NASA spacecraft to explore Saturn. Cassini left Earth in 1997 and arrived at Saturn in 2004. How many years did it take Cassini to get to Saturn?

_____ YEARS
 Cassini now orbits Saturn and sends back new pictures and information all the time. It has already taken more than 330,000 photos of Saturn!

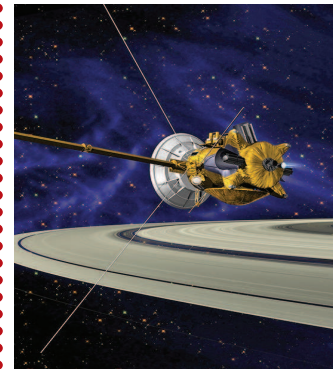


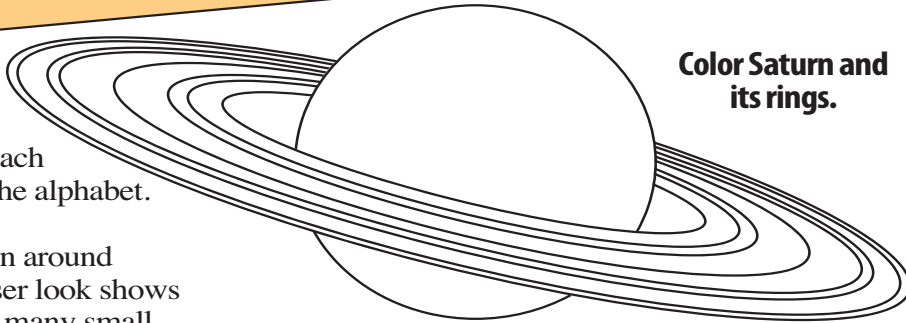
Image courtesy NASA/JPL

Saturn's Rings

Saturn has seven large rings. Each ring is named for a letter of the alphabet.

The rings do not sit still. They spin around Saturn at very high speeds. A closer look shows that each large ring is made up of many small rings, these are called **ringlets**.

Scientists think more rings could be discovered in the future.



Color Saturn and its rings.

USE THE CODE: SATURN'S RINGS ARE MADE OF

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

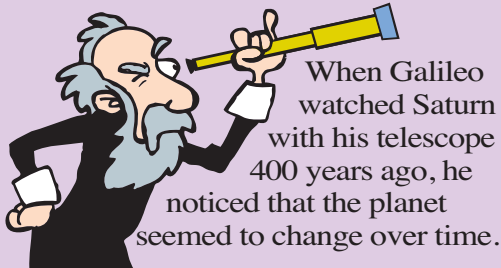
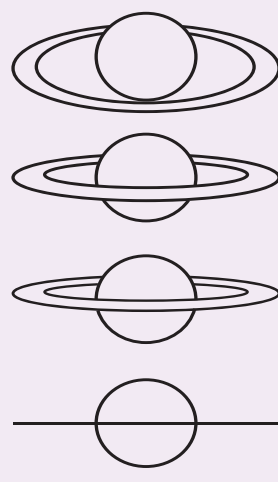
A=1 C=2 D=3 E=4 I=5 K=6 N=7 O=8 R=9

Galileo and Disappearing Planets

Like the Earth, Saturn is tilted in relationship to the sun. Because of the tilt of Saturn and the thinness of the rings, every few years, the rings look like they have disappeared.

He wrote, "I have discovered a most extraordinary marvel ... the planet Saturn is not one alone, but is composed of three, which almost touch one another." What he thought were extra planets, were actually Saturn's rings.

After a couple of years, he couldn't see what he thought were the two extra planets. But four years later, he saw what he thought were "handles" mysteriously appear.



When Galileo watched Saturn with his telescope 400 years ago, he noticed that the planet seemed to change over time.

Use this chart to answer these questions.

- It would take about 58 Earth years for Saturn to orbit the sun two times.
 True False
- The diameter of Earth is larger than that of Saturn.
 True False

	SATURN	EARTH
DISTANCE FROM THE SUN	938 MILLION MILES	93 MILLION MILES
TIME TO ORBIT THE SUN	29 EARTH YEARS	365 DAYS
ORBIT SPEED	21,675 MILES PER HOUR	70,000 MILES PER HOUR
LENGTH OF DAY	10 HOURS, 14 MINUTES	JUST A BIT OVER 24 HOURS
DIAMETER	74,500 MILES	7,926 MILES
NUMBER OF MOONS	62 OR MORE	1

SOURCE: planetfacts.org

Extra! Extra!
Saturn Adjectives
 Look through the newspaper to find five adjectives that describe Saturn.
 Standards Link: Language Arts: Follow simple written directions.

Kid Scoop-doku

Complete the grid by using all the letters in the word SATURN 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	R	U	T	A	N
A					
T					R
U					
R	A				
N	U	R	A	T	S

Kid Scoop Puzzler

How Saturn Got Its Name

The Romans knew of seven bright objects in the sky: the Sun, the Moon, and five bright planets. They named them after their most important gods. The planet

Saturn was named after the Roman god of agriculture.

Do the math to discover another common word named after this Roman god.

23 + 7 = A	21 + 7 = E	22 + 9 = T
24 + 2 = C	22 + 1 = R	21 + 1 = U
29 + 4 = D	20 + 7 = S	23 + 2 = Y

27	30	31	22	23	33	30	25
----	----	----	----	----	----	----	----

Double Double Word Search

- ASTEROIDS
- COMPOSED
- GALILEO
- CASSINI
- SATURN
- PLANET
- MARVEL
- BROKEN
- ORBITS
- RINGS
- MOONS
- TILT
- ROCK
- GAS
- ICE

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

S	D	I	O	R	E	T	S	A	S
N	E	K	O	R	B	I	T	S	A
O	S	T	U	M	A	R	V	E	L
E	O	S	G	N	I	R	O	C	K
L	P	C	A	S	S	I	N	I	R
I	M	N	S	T	E	N	A	L	P
L	O	R	I	I	U	N	O	G	S
A	C	L	O	C	F	R	I	O	C
G	T	E	R	O	E	C	N	K	M

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

Kid Scoop VOCABULARY BUILDERS

This week's word: **HOLLOW**

The noun **hollow** means having an empty space inside.

The **hollow** in the tree was home to a family of owls.

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

FROM THE Kid Scoop LESSON LIBRARY

Saturn Syllables

Saturn is a two-syllable word: Sat - urn. Each syllable has one vowel sound. Look through the newspaper for five or more words that have two syllables. Divide each word into its syllables.

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

Where does an astronaut store a sandwich?
 ANSWER: In a launch box!

Write On!

Walking on Air

Describe what your life would be like without gravity. How would you get around? What would it be like to float to school?

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