

Kid Scoop®

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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Uranus: The Sideways Planet

No other planet in our solar system spins around its axis, orbiting the sun like a rolling ball, the way the planet Uranus does.



Dear Kid Scoop Readers -

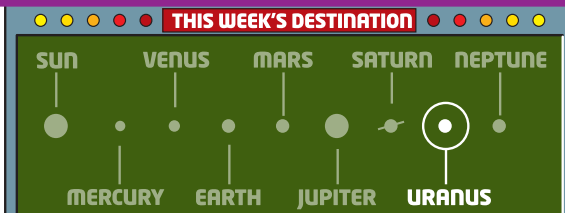
On planet Earth, the equator is facing the _____. Not so on the planet Uranus.

For about 42 _____, the south pole of Uranus _____ the sun and has constant sunlight. Gradually, this planet's north _____ will point at the sun and it will have 42 years of _____, while the south pole will be in the _____.

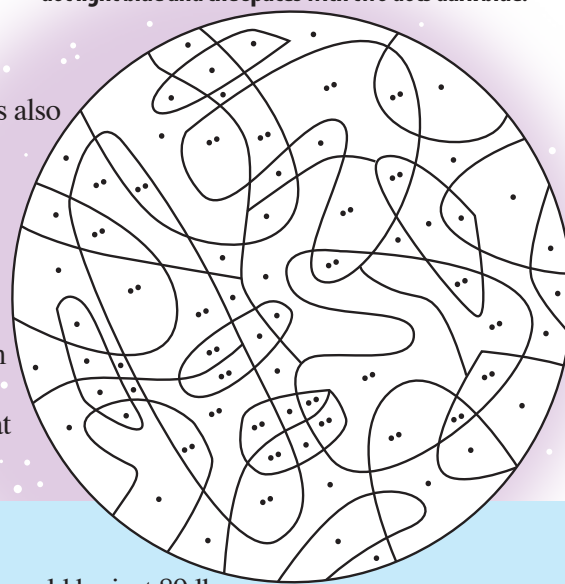
- Woodward

Replace the missing words.

- YEARS**
- FACES**
- DARK**
- SUN**
- POLE**
- SUNLIGHT**



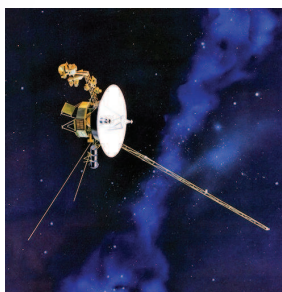
How many rings does Uranus have? Color the spaces with one dot light blue and the spaces with two dots dark blue.



Meet Voyager 2

Voyager 2 is the only spacecraft that has visited Uranus so far.

Voyager 2 was launched way back in August of 1977. It's still communicating with NASA today, sending important information to help scientists understand more about our solar system.



Voyager 2 flew by Uranus in early 1986. How many years after launch was this?

_____ YEARS

The Rings of Uranus

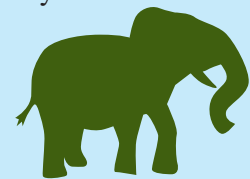
In 1977, scientists discovered that like Saturn, Uranus also has rings. It has two sets of faint rings.

Uranus cannot be seen from Earth with the naked eye. It was the first planet discovered with the aid of a telescope.

Uranus was discovered in 1781 by astronomer William Herschel. At first he thought it was a comet or a star. Another astronomer, Johann Elert Bode, confirmed that it was a planet and the quest for a name began.

Lighter Weights

If you weigh 100 lbs on Earth, your weight on Uranus would be just 89 lbs. How much lighter would each of these things be on the planet Uranus than they are here on Earth? Do the math.



Elephant
EARTH WEIGHT: 12,000 lbs.
URANUS WEIGHT: 10,680 lbs.
DIFFERENCE: _____ lbs.



Blue Whale
EARTH WEIGHT: 300,000 lbs.
URANUS WEIGHT: 267,000 lbs.
DIFFERENCE: _____ lbs.



Automobile
EARTH WEIGHT: 4,000 lbs.
URANUS WEIGHT: 3,560 lbs.
DIFFERENCE: _____ lbs.

(TRY IT: Multiply any weight by .89 to calculate its weight on Uranus.)

Use this chart to answer these questions.

- The planet Uranus is about four times the diameter of Earth.
 True False
- The orbit speed of the planet Uranus is about half that of planet Earth.
 True False

	URANUS	EARTH
DISTANCE FROM THE SUN	1.88 BILLION MILES	93 MILLION MILES
TIME TO ORBIT THE SUN	84 EARTH YEARS	365 DAYS
ORBIT SPEED	14,763 MILES PER HOUR	70,000 MILES PER HOUR
LENGTH OF DAY	17 HOURS	JUST A BIT OVER 24 HOURS
DIAMETER	32,000 MILES	7,926 MILES
NUMBER OF MOONS	27	1

SOURCE: planetfacts.org

Extra! Extra!

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

Kid Scoop® Puzzler

How Uranus Got Its Name

Sir William Herschel wanted to name the planet Georgium Sidus after King George III. Astronomer Johann Bode suggested keeping with the previous tradition of naming planets after ancient Roman

gods. Bode suggested naming the planet for Uranus, the god of the sky. But he made an error. Uranus was not a Roman god! Uranus was a Greek god.

What does Georgium Sidus mean?

= A = E = G = O = R = S = T

Double Double Word Search

- CONSTANT
- SUNLIGHT
- EQUATOR
- METHANE
- URANUS
- GEORGE
- QUEST
- RINGS
- SIDUS
- COMET
- AXIS
- POLE
- STAR
- SUN
- SKY

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

E	L	O	P	A	D	I	S	K	Y
S	Q	N	T	S	I	D	U	S	C
M	U	N	O	R	I	N	G	S	
E	E	S	A	S	V	U	L	E	E
T	S	R	T	T	R	Y	I	O	T
H	T	A	S	A	O	B	G	R	E
A	R	Y	N	T	X	R	H	G	M
N	E	U	O	L	E	I	T	E	O
E	S	S	C	C	O	P	S	E	C

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

FROM THE Kid Scoop® LESSON LIBRARY

All About Names

The newspaper is full of names. Names of people, places and things. Find five names in today's newspaper and research their origins.

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

What do you get when you cross a comet with a guppy?



ANSWER: A starfish.

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