

Moon Names

All of the moons circling planets in our solar system are named for Roman gods, except the moons of Uranus. These are named for characters in works by William Shakespeare and Alexander Pope.

Do the math problem under each name. Uranus' moons are the ones with even numbers. Odd-numbered are not a name of one of Uranus' moons.

Romeo
17 + 16 =

Oberon
22 + 6 =

Titania
34 - 8 =

Desdemona
14 + 4 =

Petunia
15 - 6 =

Puck
10 + 20 =

Angelica
13 - 8 =

Portia
23 + 3 =

Juliet
17 + 9 =

Delilia
14 - 1 =

Miranda
31 + 7 =

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

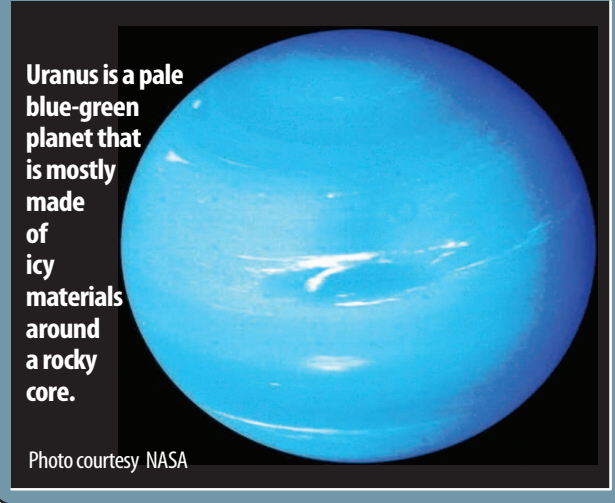
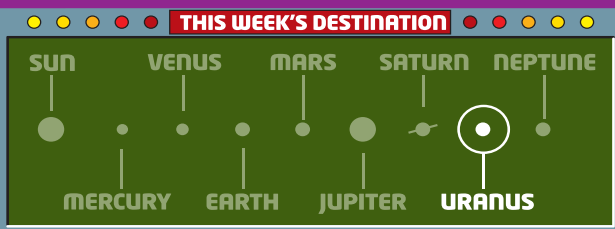
FACES

DARK

SUN

POLE

SUNLIGHT



Uranus is a pale blue-green planet that is mostly made of icy materials around a rocky core.

Photo courtesy NASA

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.



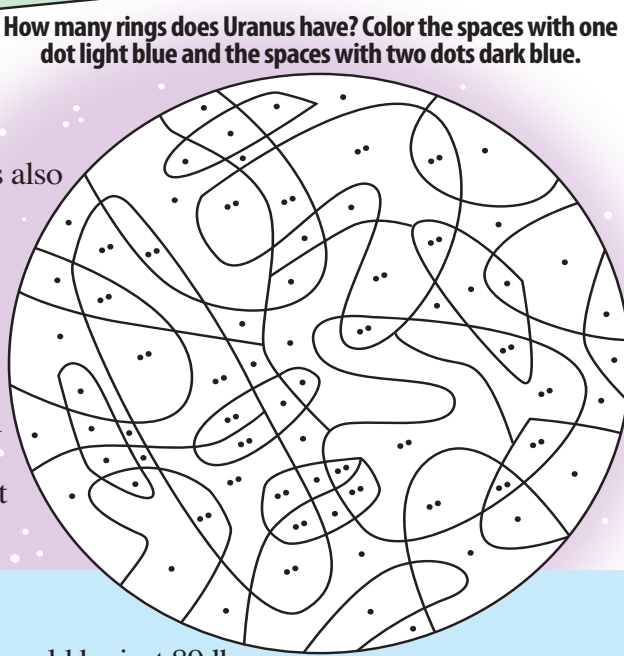
Voyager 2 flew by Uranus in early 1986. How many years after launch was this?
_____ YEARS

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.

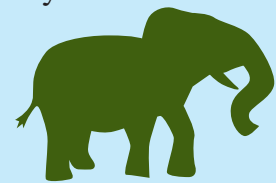
Uranus was discovered in 1781 by astronomer William Herschel. At first he thought it was a comet or a star. Another astronomer, Johann Elert Bode, confirmed that it was a planet and the quest for a name began.



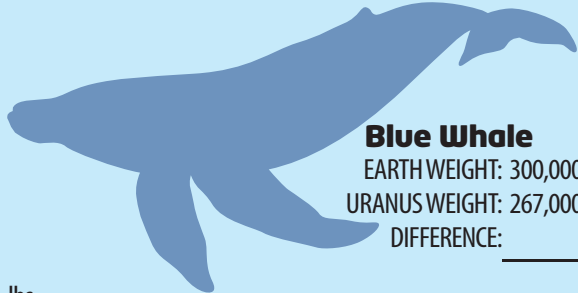
How many rings does Uranus have? Color the spaces with one dot light blue and the spaces with two dots dark blue.

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-doku™

Complete the grid by using all the letters in the word PLANET in each vertical and horizontal row. Each letter should only be used once in each row. Some spaces have been filled in for you.

P	E		L
L	P		A
A	L	P	T
N		P	E
E	N		P
T			P

Kid Scoop Puzzler

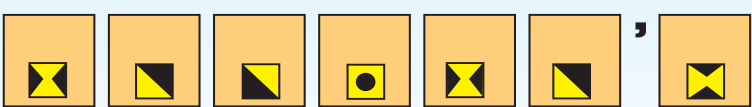
How Uranus Got Its Name

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	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.

Kid Scoop VOCABULARY BUILDERS

This week's word: **CONSTANT**

The adjective **constant** means happening continuously over a period of time.

The **constant** pain made the runner withdraw from the race.

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

FROM THE 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.

Write On! Summer Laughs

Tell us your favorite summer jokes and riddles.



The Summer Reading Program kicks off June 21st.

Brought to you by the Cottage Grove Sentinel, and the Cottage Grove Public Library

Cottage Grove Sentinel

