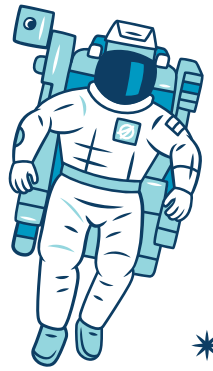




THE UNIVERSE QUIZ

If you get stuck, you'll find some helpful clues in Chapter 1 of the *Britannica All New Kids' Encyclopedia*



Question 1:

Which of the following elements were the only two that existed soon after the Universe formed?

- Hydrogen and helium
- Hydrogen and oxygen
- Carbon and hydrogen
- Helium and oxygen

Question 6:

In which year was the Hubble Space Telescope launched?

- 1980
- 1990
- 2000
- 2010

Question 7:

The asteroid belt lies between which two planets?

- Jupiter and Saturn
- Mars and Saturn
- Saturn and Neptune
- Mars and Jupiter

Question 8:

Saturn's moon Titan has liquid running over its surface. This liquid is similar to:

- Water
- Slime
- Ectoplasm
- Gasoline

Question 9:

Up to how many people at a time live on the International Space Station?

- 3
- 6
- 12
- 24

Question 10:

Which of the following is NOT the name of a theory about how the Universe will end?

- The Big Crunch
- The Big Freeze
- The Big Dipper
- The Big Rip

Question 2:

What is the opposite of matter?

- Negative matter
- Antimatter
- Zeromatter
- No matter

Question 3:

Planet Earth is located in which spiral arm of the Milky Way galaxy?

- The Orion Arm
- The Perseus Arm
- The Major Arm
- The Norma Arm

Question 4:

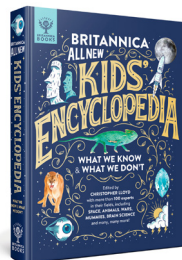
Approximately how long does one complete rotation of the Milky Way take?

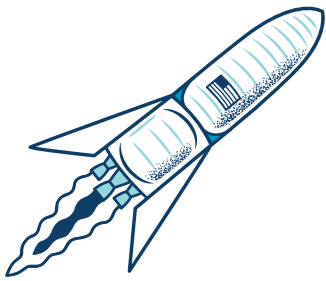
- 24 years
- 240 years
- 24,000 years
- 240 million years

Question 5:

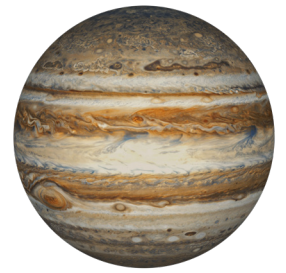
What scientific instrument was first used by ancient Greek astronomers to map stars in the night sky?

- Telescope
- Astrolabe
- Orrery
- Oracle





THE UNIVERSE WORD SEARCH

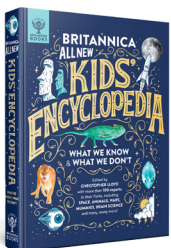


D R T N B G K X V P E R M I R B T R P S
 I O O O T K M B W X E T I L L E T A S U
 O C G I L P F S O U E O N I L M I M R P
 R K X T S A O P A A M U B N K D D E Y E
 E E D A L P L Q L E O Q R D D U B Z S R
 T T U L W A A U S O L A R S Y S T E M N
 S C S L N Z B C B P L O J V E O X D Z O
 A L P E F E I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

Can you find all these Universe related words?

They can be found going up, down, diagonal, side to side and backwards!

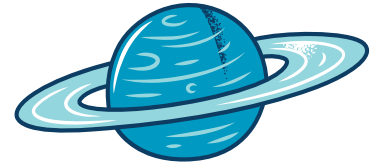
- | | | |
|---------------|--------------|--------------|
| ASTEROID | GALAXY | SATELLITE |
| BLACK HOLE | INTERSTELLAR | SOLAR SYSTEM |
| CONSTELLATION | MOON | SPACECRAFT |
| ECLIPSE | NEBULAE | SUN |
| EXOPLANET | ROCKET | SUPERNOVA |



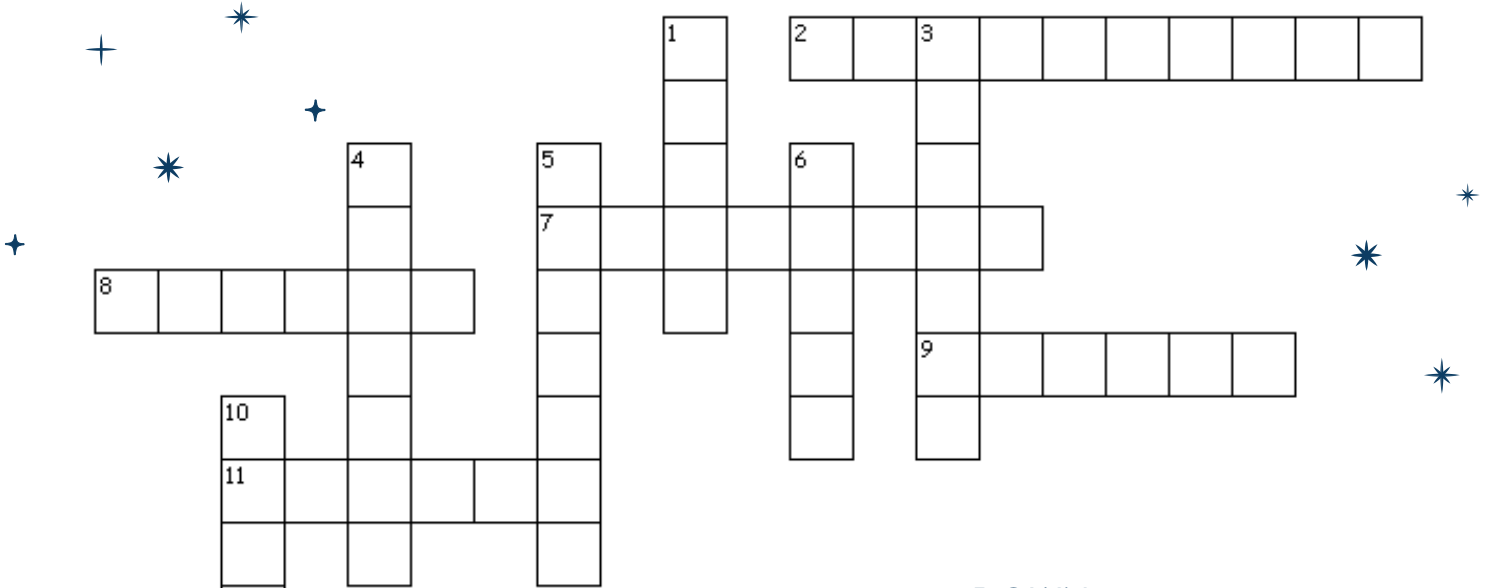
You can find lots more information about these words in
Chapter 1 of the *Britannica All New Kids' Encyclopedia*



THE UNIVERSE CROSSWORD



All these facts are taken from Chapter 1 of the
Britannica All New Kids' Encyclopedia



ACROSS

- 2 Theory of how the universe began (3,3,4)
- 7 Scientists believe that this caused the extinction of the dinosaurs! (8)
- 8 The most famous space telescope (6)
- 9 This planet is most famous for its huge ring system (6)
- 11 This successful Apollo Mission landed the first man on the moon (6)
- 12 A NASA rover is looking for signs of life on this red planet (4)

DOWN

- 1 Dwarf planet that was previously a planet until 2006 (5)
- 3 This occurs when the Moon passes between the Earth and the Sun (7)
- 4 The first scientist to use a telescope to view the stars, his first and last names are almost the same! (7)
- 5 This British scientist, Stephen _____, deepened our understanding of black holes (7)
- 6 This constellation has three stars that form a belt (5)
- 10 The closest planet to our Sun (7)
- 12 Spiral galaxy and a chocolate bar (5,3)

