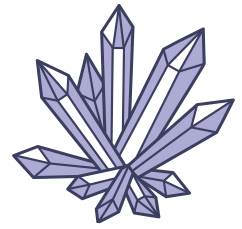




# SCIENCE QUIZ



If you get stuck, you'll find some helpful clues in Chapter 3 of the *Britannica All New Children's Encyclopedia*



## Question 1:

How many elements are on the periodic table?

- 101
- 118
- 121
- 212



## Question 2:

What is the symbol for mercury on the periodic table?

- Hg
- Mc
- Gl
- My



## Question 3:

What kind of bond is formed when a compound is made up of elements that share the same electrons?

- Ionic
- Covalent
- Molecular
- Brooke



## Question 4:

Bronze is created by mixing which two metals?

- Copper and iron
- Copper and tin
- Tin and iron
- Iron and copper



## Question 5:

Which element is most abundant in Earth's crust?

- Silicon
- Iron
- Carbon
- Oxygen



## Question 6:

Tufa is a type of?

- Animal
- Vegetable
- Mineral
- Gas



## Question 7:

In 2019, scientists were shocked to find what at the bottom of the Mariana Trench?

- A living deep sea spider
- A hoard of gold coins
- A shipwreck
- A plastic bag



## Question 8:

Which of the following animals was among those on the first ever hot air balloon flights in 1783?

- Pig
- Sheep
- Dog
- Cow



## Question 9:

Heavy metals such as gold were originally created:

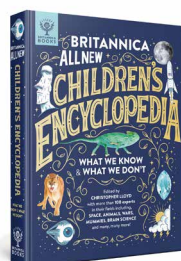
- By the big bang
- During the formation of the Earth
- Through forces in Earth's crust
- By stars colliding



## Question 10:

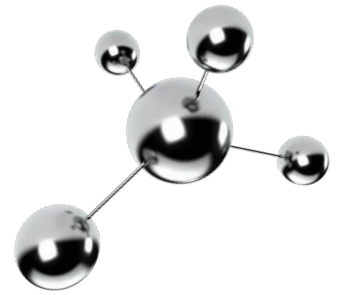
Whales communicate through what kind of sound waves?

- Infrasound
- Decisound
- Macrosound
- Suprasound





# SCIENCE WORDSEARCH



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

Can you find all these Science related words?

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

ARCHIMEDES SCREW

ELEMENT

PLASMA

ATOM

ENZYME

POLYMER

BIOPLASTIC

GRAVITY

PRESSURE

CARBON DATING

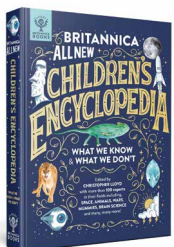
OXIDATION

RADIOACTIVE

COMPOUND

PERIODIC TABLE

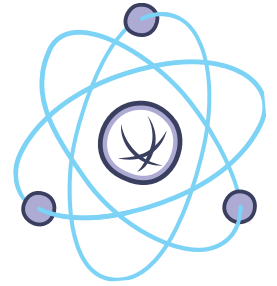
REFRACTION



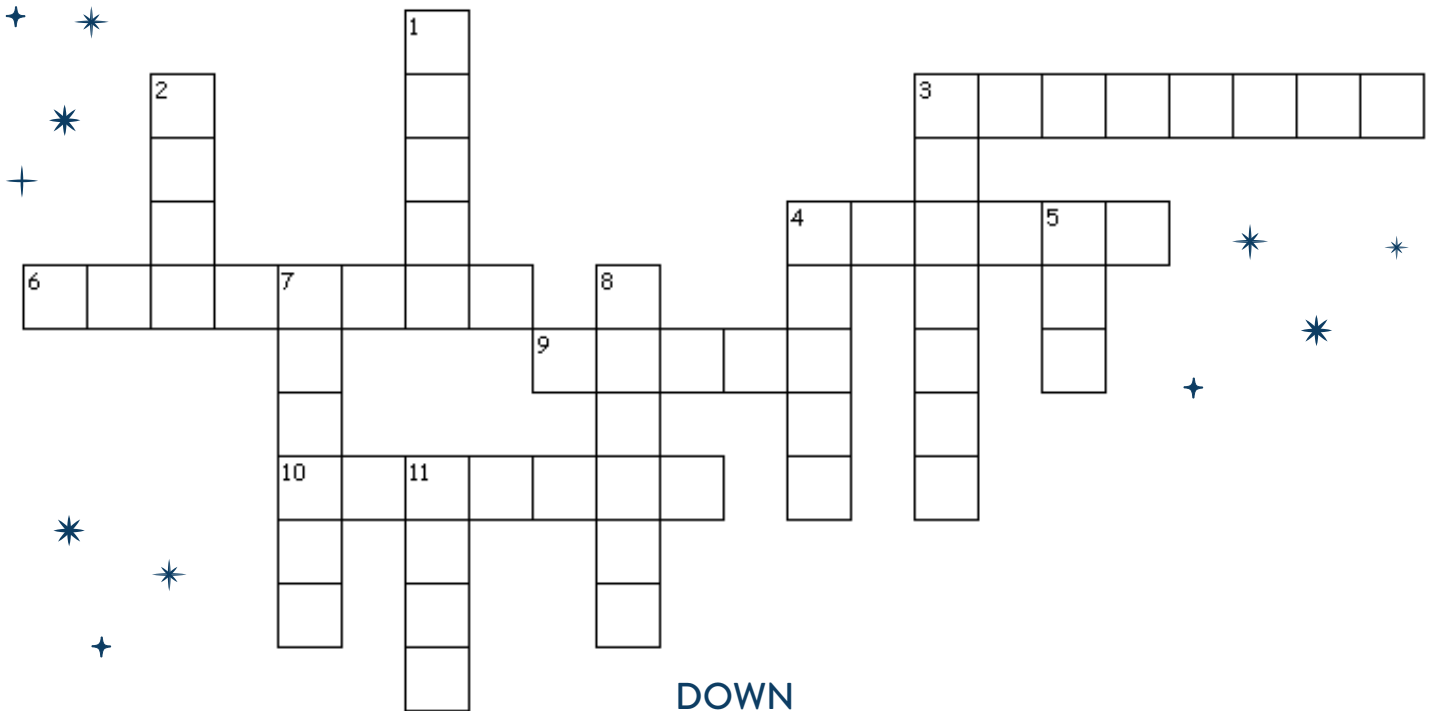
You can find lots more information about these words in Chapter 3 of the *Britannica All New Children's Encyclopedia*



# SCIENCE CROSSWORD



All these facts are taken from Chapter 3 of the  
*Britannica All New Children's Encyclopedia*

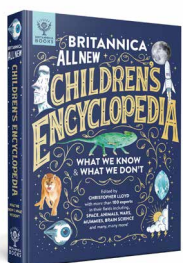


## ACROSS

- 3 All the elements are neatly organised in a chart called The \_\_\_\_\_ Table (8)
- 4 The type of electricity that makes your hair stand on end (6)
- 6 A water molecule (H<sub>2</sub>O) consists of one Oxygen atom and two \_\_\_\_\_ atoms (8)
- 9 The pH number that is neutral (5)
- 10 The force that pulls objects towards the centre of the Earth (7)

## DOWN

- 1 The first name of female scientist \_\_\_\_\_ Curie, who found new radioactive elements but later died from years of exposure to them (5)
- 2 The precious metal measured in carats (4)
- 3 Bags, bottles and lots of toys are made out of this cheap, strong, light material that can be made in any shape or colour (7)
- 4 The name given to the boom that occurs when a plane flies faster than the speed of sound. Also the name of a video game hedgehog (5)
- 5 Water in a solid state, can be added to a drink to make it colder (3)
- 7 The gas that humans need to be able to breathe and live (6)
- 8 The surname of scientist Sir Isaac \_\_\_\_\_ who discovered the three Laws of Motion (6)
- 11 Everything in the Universe is made up of these, they are very very small (4)



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ANSWERS: Across - 3. Periodic, 4. Static, 6. Hydrogen, 9. Seven, 10. Gravity  
Down - 1. Marie, 2. Gold, 3. Plastic, 4. Sonic, 5. Ice, 7. Oxygen, 8. Newton, 11. Atom