



Word Games

1. Terminology Tornado

Using the following science term, see how many words of 3 or more letters you can make in 10 minutes.



Points
 3-4 letters = 1 point
 5+ letters = 2 points

Scores
 0-5 points = awful
 6-10 = average
 10+ = amazing

2. Six Word Scramble

Use the clues to work out what the 6 key science words are and then spell the word in the grid by colouring in the squares that make up the word. Use different colours for each answer.

NCY	DI	IC	MAL
AST	OYA	OPA	BU
QUE	LEA	UM	SA
LT	SO	PL	BLE

Clues

- a. A reactive metal from group 1 of the Periodic Table. (6) _____
- b. Property of metals that means they can be shaped. (9) _____
- c. Non-metal mineral obtained from the sea. (4) _____
- d. Another word for the ability to float. (8) _____
- e. The opposite of transparent. (6) _____
- f. A material that has replaced many traditional materials such as metal and glass... (7) _____

3. Block Buster

Cross out each of the words that fit with one of the clues. You will be left with one word that doesn't fit; this is your answer.

ductile	hydrogen gas	magnesium	conducts heat	potassium	durable	
calcium	easily coloured	metal hydroxide	salt	beryllium	malleable	
radium	lustrous	strong	long lasting	barium	metal oxide	strontium
dense	light	conducts electricity	high melting point	easily shaped		

Clues

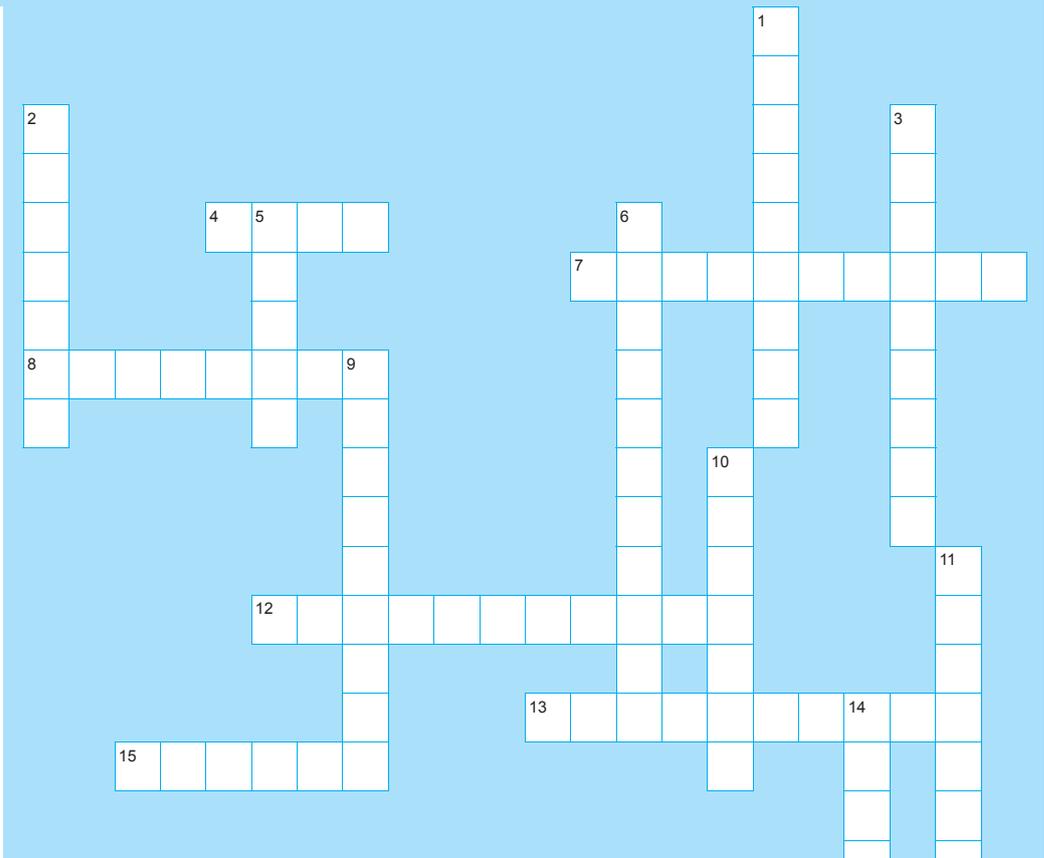
- a. Group 2 metals.
- b. Properties of metals.
- c. Properties of plastics.
- d. Products of metal reactions.

Answer

4. Crossword

Down

1. A material that can take up a lot of liquid is said to be...
2. The test for hydrogen gas is called the... (3,4)
3. The twelfth element on the Periodic Table.
5. A material made from two or more different elements with a metal as the main part.
6. All metals do this as they allow heat energy to pass through them easily. (7,4)
9. Able to be bent and shaped without breaking.
10. Able to be stretched into a wire without breaking.
11. This turns cloudy in the presence of CO_2 gas.
14. The scientific name for rust.



Across

4. The non-gaseous product made when a metal and acid react.
7. A metal that has many uses including: TV's, aircraft parts, engine parts, hospital equipment and light bulbs.
8. An organism that is farmed for its silk.
12. This property means that light can travel through a material.
13. This is made when a metal and oxygen react. (5,5)
15. An alloy of copper, tin and possibly arsenic, phosphorus, aluminium, manganese, or silicon.

5. What's my Opposite?

Match each of the following properties with the picture that best shows the **opposite** of that property by drawing a line between them. Each word and picture is only used once.

opaque

hard

waterproof

conducts heat

flexible



6. Topic Word Find



Colour Key	Clue or Question	Answer
<input type="checkbox"/>	The most reactive metal out of lead, calcium and zinc.	
<input type="checkbox"/>	In density measurements, V is the symbol for?	
<input type="checkbox"/>	An object is _____ if it has lots of particles close together.	
<input type="checkbox"/>	When an object neither floats nor sinks completely.	
<input type="checkbox"/>	When an object floats or sinks, the water that is shifted is said to have been...	
<input type="checkbox"/>	Another name for natural rubber.	
<input type="checkbox"/>	When a material breaks easily under pressure it is said to be...	
<input type="checkbox"/>	If a material stops heat or electricity it is said to be an...	
<input type="checkbox"/>	The temperature at which a liquid turns into a gas.	
<input type="checkbox"/>	Having no colour.	
<input type="checkbox"/>	This is high in metals which makes them excellent for cooking utensils.	
<input type="checkbox"/>	Iron or cobalt are attracted to a magnet.	
<input type="checkbox"/>	The ability to float is called being...	