



# 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.

ADII	VE	TLE	BR
MER	MIC	ATO	ISO
CHE	MICR	GRO	AL
IT	UPS	ATI	NEG

Clues		
a. The size of an atom. (6,5)	_____	<input type="checkbox"/>
b. A type of change that is reversible. (8)	_____	<input type="checkbox"/>
c. Property that means breaks easily, often crumbly. (7)	_____	<input type="checkbox"/>
d. What an atom becomes if it gains electrons. (8)	_____	<input type="checkbox"/>
e. The name for the vertical columns on the Periodic Table. (6)	_____	<input type="checkbox"/>
f. Name for molecules with same formula but different layout. (6)	_____	<input type="checkbox"/>

## 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.

Ce shell shiny gas made electron irreversible

Th neutron transparent dull orbit Rh

colour change flexible new product Lr Wi Hg proton

opaque conductor Lv nucleus liquid

**Clues**

- properties
- Parts of an atom.
- Element symbols from the Periodic Table.
- Features of chemical changes.

**Answer**



## 6. Lingo Lattice

All of the answers to the questions are in the lattice below, either as a word or picture. Once you have found each one, there will be one left over, this is the final answer.

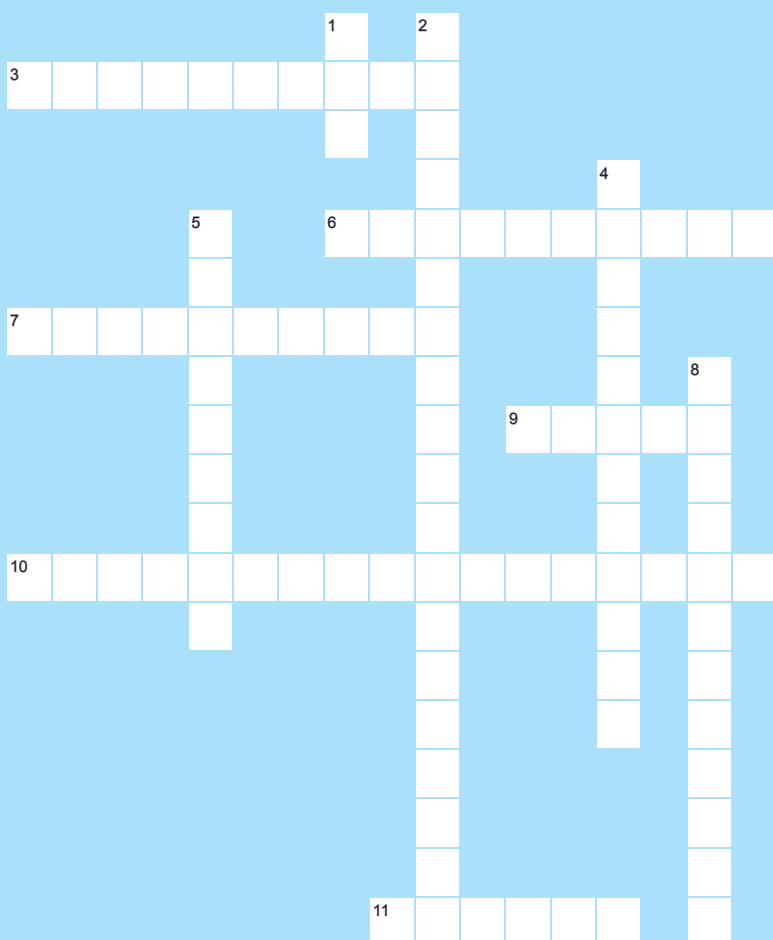
## Questions

1. What does an atom become when it loses electrons?
2. What is an example of a physical change?
3. Which is showing the third element from the Periodic Table?
4. What is the formula for iron oxide?
5. What goes cloudy when  $\text{CO}_2$  is bubbled into it?
6. What is an example of a chemical change?
7. What is used to prove the presence of hydrogen gas?
8. Which word describes something that can be seen through?
9. Which is the formula for calcium nitrate?
10. Which compound contains 3 atoms?
11. What is formed when potassium loses one electron?

## Final Answer

$\text{Ca}(\text{NO}_3)_2$		limewater
negative	$\text{FeO}$	positive
$\text{K}^+$	transparent	
	pop test	$\text{SO}_3$

## 7. Crossword



## Across

3. A short paragraph that summarises the findings, linking back to the hypothesis and aim.
6. A prediction of what will happen, starts with 'That ...'.
7. A long paragraph that explains the findings using science.
9. A short description of the experiment.
10. The factor that you measure and is affected by the independent variable. (2 words)
11. Step-by-step instructions.

## Down

1. Starts with 'To find out ...'.
2. The factor you are changing in an experiment. (2 words)
4. Data findings are recorded in this special grid. (2 words)
5. A list of the gear to be used.
8. A special picture that shows the data gathered, usually a line format. (2 words)

