

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.

ROS	ALK	CID	NTR
ALI	ICA	MUS	IVE
DROG	COR	IND	ATOR
IC	HY	EN	LIT

Clues

- The ions present in acids. (8)
- HNO_3 (10)
- Changes colour in acids and bases. (9)
- Indicator made with lichen. (6)
- The name for a soluble base. (6)
- Acid or base property where it reacts with and wears-away what it comes in contact with. (9)

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.

citric	three	MgO	bromothymol blue	CaCO ₃		
nitric	acetic	litmus	eight	sulfuric	NaOH	hydrochloric
phenolphthalein	four	formic	universal	carbonic	NaHCO ₃	
NaCl	fourteen	seven	CuCO ₃	FeO	KOH	

Clues

- types of indicators
- base/alkali formula
- pH numbers
- names of acids

Answer

4. Crossword

Across

- 1. The colour universal indicator turns in a strong base.
- 6. Acids and bases are this. They eat away other substances.
- 7. The colour acids turn many indicators.
- 9. These yellow fruit contain citric acid.
- 11. The salt made when calcium hydroxide and nitric acid react.
- 13. An acid that doesn't dissociate very well.
- 17. NaHCO_3
- 20. The most common neutral liquid.
- 21. Made in muscles and makes milk go sour.
- 22. Measures acidity from 1 - 14.
- 23. A solution with a lot of acid but not much water.
- 24. The gas made when a carbonate and acid react.

Down

- 1. KOH
- 2. This indicator turns bright pink in alkali.
- 3. An edible acid that is a mixture of water and acetic acid.
- 4. Can dissolve in water.
- 5. The salt made from hydrochloric acid.
- 8. pH 7
- 10. How acids taste.
- 12. When the parts of an acid separate in water.
- 14. How bases/alkalis taste.
- 15. These produce acid in your mouth.
- 16. The salt made when NaOH and HCl react.
- 18. Acid found in apples.
- 19. The name for soluble bases.

5. Topic Word Find

The following word find contains...

- 9 pH scale numbers.
- 7 names of acids.
- 5 names of bases/alkalis.

Find each of these in the word find below then write their names in the correct column in the table that follows.



pH Scale Numbers	Acid Names	Base/Alkali Names