

AN ELEMENTAL CROSSWORD: ANSWERS

Did you try the crossword on page 27 of this issue? Here are the correct answers:

Down:

1. Polonium. 2. Krypton. 4. Tellurium. 6. Dysprosium. 10. Francium. 11. Zirconium. 12. Europium.

Across:

3. Lithium. 5. Chlorine. 7. Magnesium. 8. Rubidium. 9. Beryllium. 13. Aluminium. 14. Neon. 15. Osmium. 16. Gallium. 17. Indium. 18. Helium. 19. Scandium.

Some questions to think about:

- Q1. Which elements did you identify almost immediately? Which ones took longer to identify?
- Q2. How did you go about identifying the elements?

Did you rely on what you have heard or learnt or know about them already? Did you refer to a book or an internet search?

Q3. Which of the clues was most fascinating to you and why?

Q4. Some of these 19 elements derive their names from Latin or Greek words. Some are named after regions, countries, or continents. If you were asked to rename each of these elements, what criteria would you use to choose new names for them and why?

Q5. This crossword features only 19 of the 118 elements in the modern periodic table. If you were composing a crossword with any 10 elements other than the ones in this crossword, which ones would you choose? What clues would you provide for them?



Note: Source of the image used in the background of the article title: Jigsaw pieces.

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