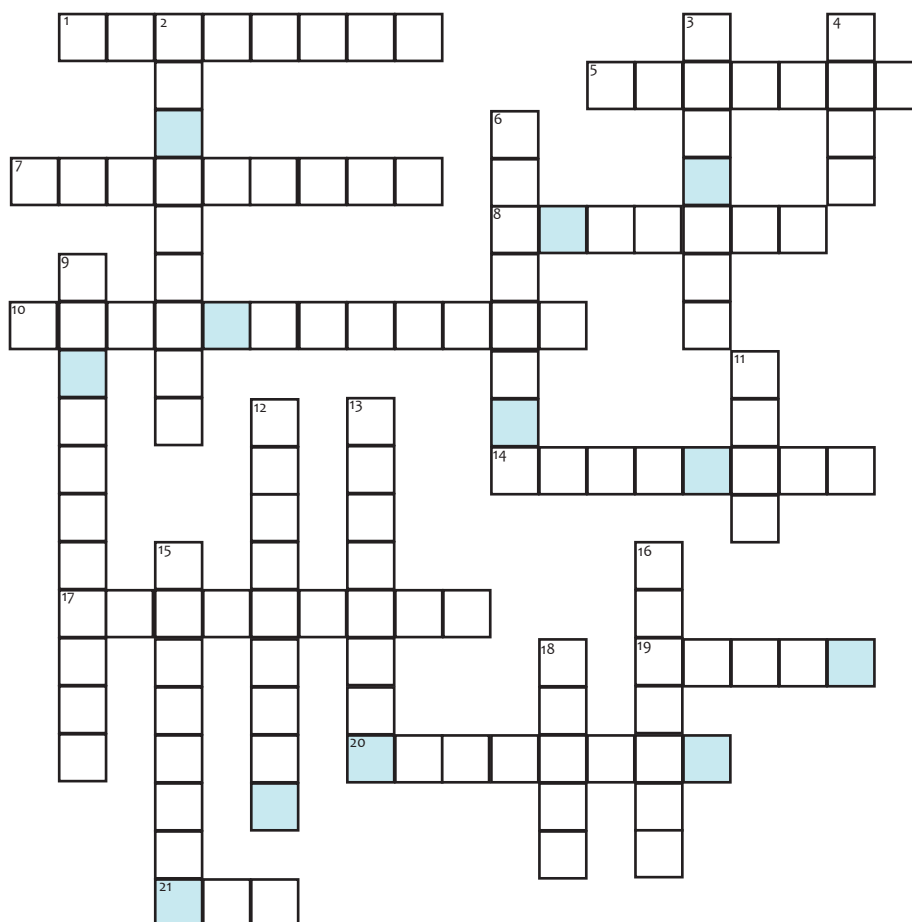



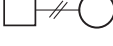




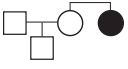


Test your knowledge: a family history puzzle



Across

1. A pictorial representation of a genetic family history (8)
5. If a condition is inherited, it must be caused by an alteration to the ___ material (7)
7. This symbol represents a ___ (9) 
8. Taking a family history can help to build up ___ with a patient (7)
10. The individuals joined by the double line are related as ___ (5, 7)
14. These individuals are ___ (8) 
17. These twins are ___ (9) 
19. The standard number of generations to include in a family history (5)
20. This couple is ___ (8) 
21. The molecule of life (3)

Down

2. Taking a family history may result in the earlier ___ of a condition (9)
3. The sex of the person in 7 across is ___ (7)
4. The assessment of this can be informed by details from a genetic family history (4)
6. This man and woman are ___ (8) 
9. This symbol indicates a ___ (11) 
11. The shaded symbol represents the patient's maternal ___ (4) 
12. Also called 'changes' or 'alterations'; these can be beneficial, harmful or neutral (9)
13. This person is ___ (8) 
15. This individual is ___ (8) 
16. Identifying which people are affected with a condition in a family helps to recognise a ___ of inheritance (7)
18. Used to indicate the patient/person providing information for a pedigree (5)

And for a bonus point: Use the letters in the coloured squares to complete the following sentence:

Pedigree symbols have been agreed internationally and ___ (12), so that any health professional can look at a patient's family history and quickly appreciate key information.

Family history puzzle answers

Across

1. pedigree
5. genetic
7. pregnancy
8. rapport
10. first cousins
14. siblings
17. identical
19. three
20. divorced
21. DNA

Down

2. diagnosis
3. unknown
4. risk
6. partners
9. miscarriage
11. aunt
12. mutations
13. affected
15. deceased
16. pattern
18. arrow

Bonus answer: standardised