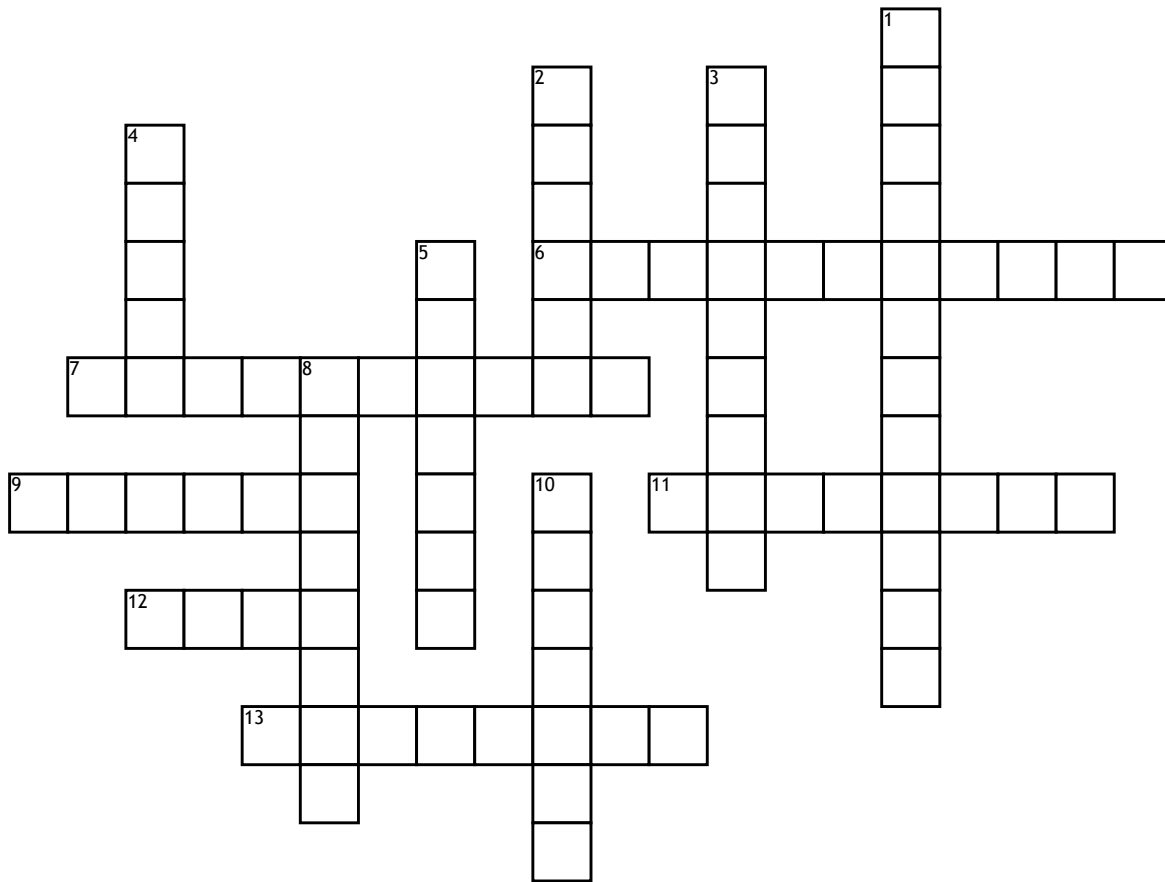


section 6: Radiation



Across

6. exposure to radiation
 7. naturally occurring radioactive material and particles from space give rise to this form of radiation
 9. 2 electrons, 2 protons and 2 neutrons
 11. An atom will decay and give out radiation if it is

12. I have a negative charge and move quickly

13. The time taken for the activity to decrease by a factor of 1/2

Down

1. I contain radioactive atoms but shouldn't. I am
2. joining small nuclei, the source of energy in stars
3. because of these errors in genetic code cells divide uncontrollably and cause cancer

4. a radiation that doesn't penetrate

5. How many neutrons, that is too many.

8. A massless form of ionising radiation

10. nuclei broken apart in a controlled chain reaction to produce heat and energy