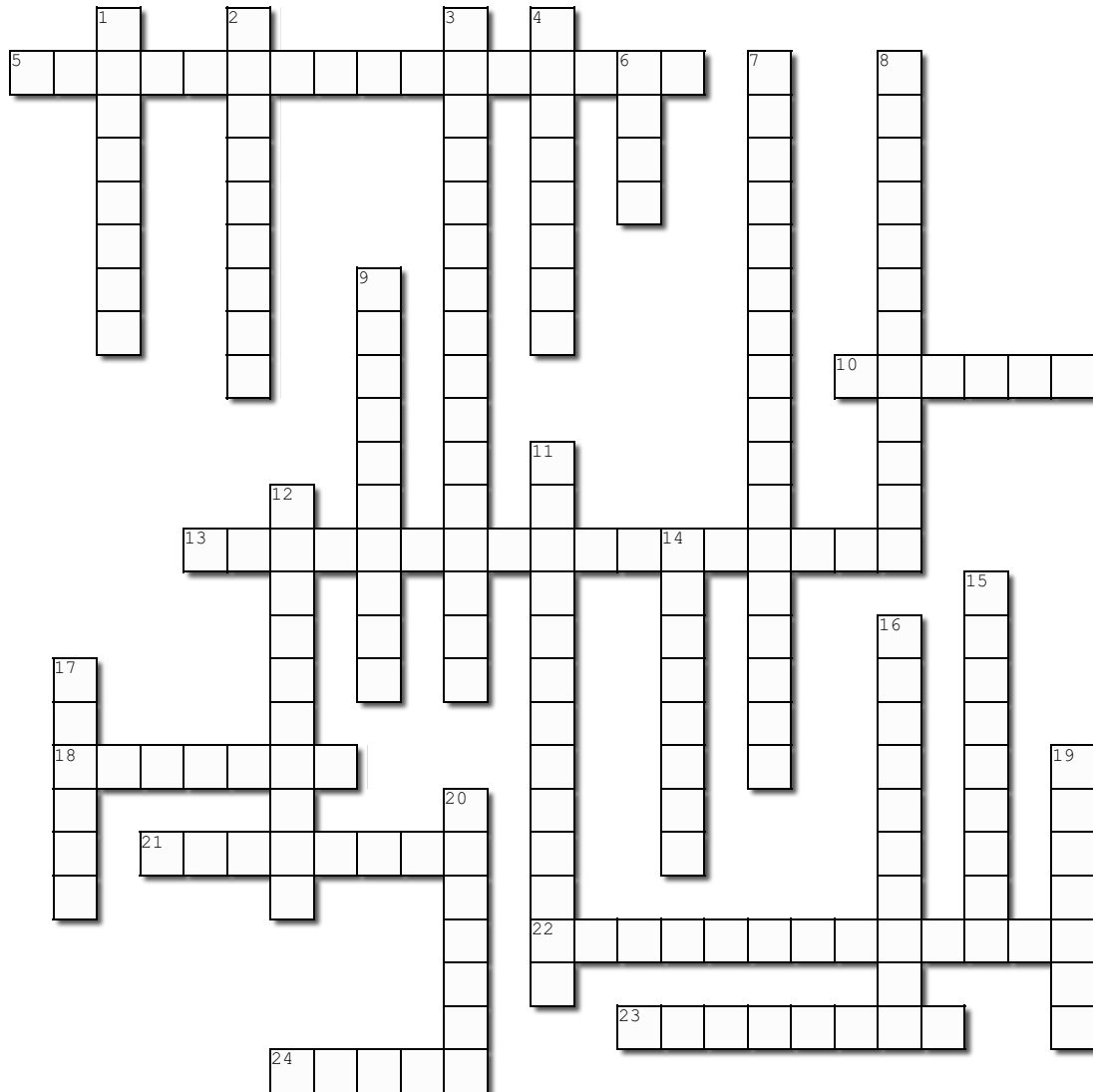


Our Dynamic Universe and Uncertainties



Created using the Crossword Maker on TheTeachersCorner.net

Across

5. Your immediate surroundings that are moving exactly the same as you (5,2,9)
10. Type of uncertainty found from repeated measurements (6)
13. Why a passing rocket might look squashed (6,11)
18. Large Pop started the universe (3,4)
21. Conserved in both elastic and inelastic collisions (8)
22. Force between masses, proportional to inverse square of their separation (13)
23. Most abundant element in the universe (8)
24. Type of uncertainty from your measuring device (5)

Down

1. Type of relativity known before Einstein (8)
2. Einstein made one of these about the speed of light in different frames (9)
3. Maximum speed reached by a falling object (8,8)
4. Scarlet change for receding galaxies (8)
6. Acronym for the leftover energy from the Big Bang (1,1,1,1)
7. Einstein's theory (not general) (7,10)
8. Why a person travelling to a distant star ends up younger than their twin (4,8)
9. Mysterious stuff that we can't see spread across the universe (4,6)
11. Conserved in elastic collisions only (7,6)
12. Type of force required for acceleration (10)
14. How close your average measurement is to the true value (8)
15. How close your datapoints are to one another (9)
16. Something thrown in the air! (10)
17. He found a law linking the speed and distance of far-off galaxies (6)
19. Shifty bloke whose favourite element was Neeeeeeeeooooon! (7)
20. Change of momentum and force times time (7)