

Big B2 Biology Revision Crossword

Across

2. the version of the gene

3. when scientists change the genes of an organism

9. the green plants at the start of every food chain

11. a hormone made by the ovaries that causes the lining of the uterus to thicken (and inhibits FSH production)

14. the sex chromosomes in a male

16. a genetic disorder where too much mucus is produced in the body. Caused by a recessive allele.

17. when a bacteria cannot be killed by antibiotics

19. the hormone made in the pancreas that makes the body store glucose in the liver and muscles

24. the variety of all the different species of organisms

25. the junction (gap) between nerve cells

26. the word that describes the alleles present in a person

Down

1. the cells which carry information towards the central nervous system

4. features which help an organism survive

5. where humans choose which animals or plants to breed to get certain characteristics

6. maintaining optimum conditions in the body

7. a change in the DNA

8. the type of cell division where gametes (sex cells) are made with half the number of chromosomes

9. a genetic disorder where someone has an extra finger or toe

10. the hormone made in the pituitary gland that causes the eggs to mature in the ovary

12. an allele that is only expressed if you have two copies

13. ......... factors - non-living factors which affect a community

15. when someone has two of the SAME alleles in their genotype (e.g. aa)

18. sulfur dioxide in the air can cause this

20. the nerve cells that carry impulses from the CNS to the effectors

21. cells which pick up information from outside the body (stimuli)

22. ........... reproduction - the type of reproduction where there is one parent.

23. when quadrats are used in a straight line to see how the organisms change