

7th Grade Science Vocabulary Matching 6

Write the word that best matches each definition or clue.

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| 1. <u>MEIOSIS</u> | A part of sexual reproduction in which cells divide to form sperm cells in a male and egg cells in a female. Only occurs in reproductive cells. |
| 2. <u>FERTILIZATION</u> | Part of the process of sexual reproduction in which a male reproductive cell and a female reproductive cell combine to form a new cell that can develop into a new organism. |
| 3. <u>RECESSIVE ALLELE</u> | An allele that is not expressed when combined with a dominant form of the gene. |
| 4. <u>PEDIGREE CHART</u> | Shows family relationships including two or more generations. |
| 5. <u>INHERITED TRAIT</u> | The genetic transmission of characteristics from parent to offspring. |
| 6. <u>MITOSIS</u> | The phase in the cell cycle during which the nucleus divides. |
| 7. <u>PHENOTYPE</u> | The observable characteristics or traits of an organism. |
| 8. <u>BUDDING</u> | Formation of an outgrowth from an organism that is capable of developing into a new individual. |
| 9. <u>PUNNETT SQUARE</u> | A chart used to show all the ways genes from two parents can combine and be passed to offspring. |
| 10. <u>SEXUAL REPRODUCTION</u> | A type of reproduction in which male and female reproductive cells combine to form offspring with genetic material from both cells. |
| 11. <u>ASEXUAL REPRODUCTION</u> | The process by which a single organism produces offspring that have the same genetic material; makes a copy of itself. |
| 12. <u>ORGANISM</u> | Made up of one or many cells and is capable of growing and reproducing. |
| 13. <u>MUTATION</u> | Any change made to DNA. |
| 14. <u>GENETIC DISEASE</u> | A disease or disorder that is inherited genetically. |
| 15. <u>OFFSPRING</u> | The new organisms produced by one or two parent organisms. |

punnett square

pedigree chart

sexual reproduction

offspring

fertilization

mutation

mitosis

asexual reproduction

inherited trait

genetic disease

meiosis

organism

budding

recessive allele

phenotype