

Heredity packet

Name \_\_\_\_\_ Hr. \_\_\_\_\_

Unit 13; What are inherited characteristics?

Matching;

- |                    |  |
|--------------------|--|
| _____ 1. traits    | A. passing on of traits from parents to offspring. |
| _____ 2. inherited | B. characteristics of living organisms.            |
| _____ 3. heredity  | C. modern science of heredity                      |
| _____ 4. genetics  | D. traits that are passed on from parents.         |

Multiple Choice;

- \_\_\_\_\_ 1. Characteristics are also called \_\_\_\_\_.  
A. heredity      B. traits      C. genetics
- \_\_\_\_\_ 2. Inherited traits are passed from \_\_\_\_\_.  
A. parent to parent      B. sister to brother      C. parent to offspring
- \_\_\_\_\_ 3. The passing on of traits from parents to offspring is \_\_\_\_\_.  
A. fertilization      B. chemical change      C. heredity
- \_\_\_\_\_ 4. The science that deals with the study of heredity is \_\_\_\_\_.  
A. genetics      B. embryology      C. biology

Finding out more;

Explain the three reasons why it is difficult to study human genetics;

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Why is it easier to study plant and animal genetics? \_\_\_\_\_  
\_\_\_\_\_

Unit 13: Why are Chromosomes important?

Matching;

- \_\_\_\_\_ 1. reproduction                      A. parts of the chromosome that control traits.
- \_\_\_\_\_ 2. gene                                      B. the process of passing traits from parent to offspring
- \_\_\_\_\_ 3. chromosomes                      C. the threads in the cells that carry traits.

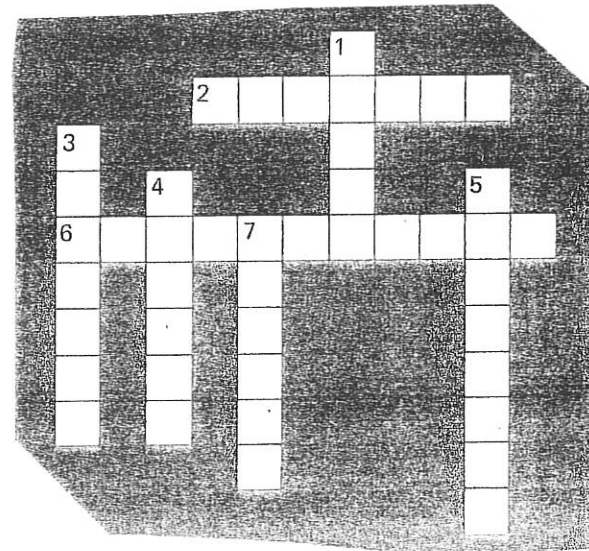
Answer these;

- \_\_\_\_\_ 1. Chromosomes are passed from \_\_\_\_\_  
A. parent to parent    B. offspring to parent    C. parent to offspring.
- \_\_\_\_\_ 2. Chromosomes contain \_\_\_\_\_.  
A. genes            B. nuclei                      C. hormones

Now Try This:

- ACROSS;
- \_\_\_\_\_ 2. Who gave us our inherited traits
  - \_\_\_\_\_ 6. Carry genes.

- DOWN:
- \_\_\_\_\_ 1. Control inherited traits
  - \_\_\_\_\_ 3. Where chromosomes are found.
  - \_\_\_\_\_ 4. What genes control.
  - \_\_\_\_\_ 5. The study of heredity.
  - \_\_\_\_\_ 7. Scientist who discovered the basics laws of heredity.



Who is Francisco Ayala?

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