

9A Inheritance and selection

literacy in science

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Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

geesn

repsm

fatietiliron

cispees

2) Make three sentences using the following nine words or phrases:

similar characteristics
selective breeding
cells

grouped
choose in animals
nucleus

species
best characteristics
genes

3) Match the word or phrase with the right meaning:

Genes

Characteristics in plants and animals that aid their survival

Inherited

The passing on of genes from parent to offspring

Adaptation

These control the characteristics in species or individuals

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sperm

fertilisation

species

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complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

control

selected

inherited

adapted

reduce

colour

genes

affected

sperm

- a) Genes _____ the characteristics of an individual.
- b) Human characteristics can be affected by both _____ and environmental variation.
- c) Some characteristics can be _____ by the environment, for example hair length.
- d) Fertilisation is the process where a _____ and egg cell fuse forming an zygote.
- e) Cacti are _____ to the desert, because they have no leaves and store water.
- f) Selective breeding in animals and plants can _____ the amount of variation.
- g) Eye _____ and blood group are good examples of inherited variation.
- h) We inherit half of our _____ from our dad and half of our genes from our mum.
- i) In crops, characteristics like high sugar or starch content have been _____ for.

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complete the sentence

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