

A gardener noticed that some of the flowers on her pea plants were white. In previous years they were purple. How can you explain this?

ag
breed
mutation
fertilize
Pollen from another flower
dominant/recessive
amt of H₂O

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Heredity- the passing of traits from parents to offspring

roll tongue
face
diabetes
structure
What are some examples?
weight
blood
asthma
clot
bad
Cancer
Sickle-cell
freckles
cholesterol
hair color
eye color
height
skin color
wavy, straight hair

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Gregor Mendel, an Austrian Monk, made the break through in the study of genetics.

- His parents were peasants: he knew a lot about agriculture
- An ordained priest
- Attended the University of Vienna to study science

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Europe

Mendel repeated a previous scientists experiments, but he took it to the next level analyzing the data.

Peas have three useful features

- Many traits that have two clearly different forms
- The mating is easily controlled
- It is small, grows quickly, produces many offspring.

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