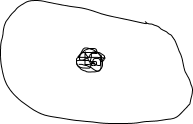
**Chromosomes, Genes, DNA**

Part 1: YouTube: [Genes, DNA and Chromosomes explained](https://www.youtube.com/watch?v=hywRdDVR76A)

Label the cell



What is in the nucleus of a human cell…

How do males and females differ …

What are chromosomes made of…

Describe a double helix…

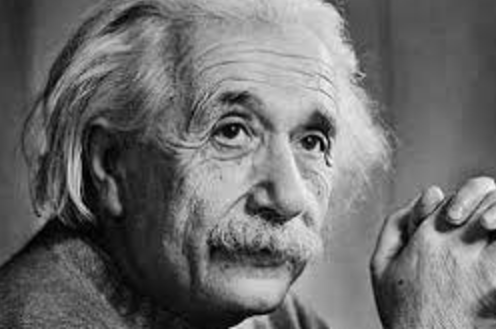
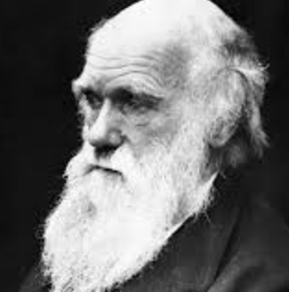
What are the 4 bases…

A length of DNA is called a gene, what does a gene code for…

What do proteins do…

Part 2:

Name these dudes

 …  … …

Name a famous woman scientist…

Why is the list of famous scientists a bit lacking in women…

Mendel was an…

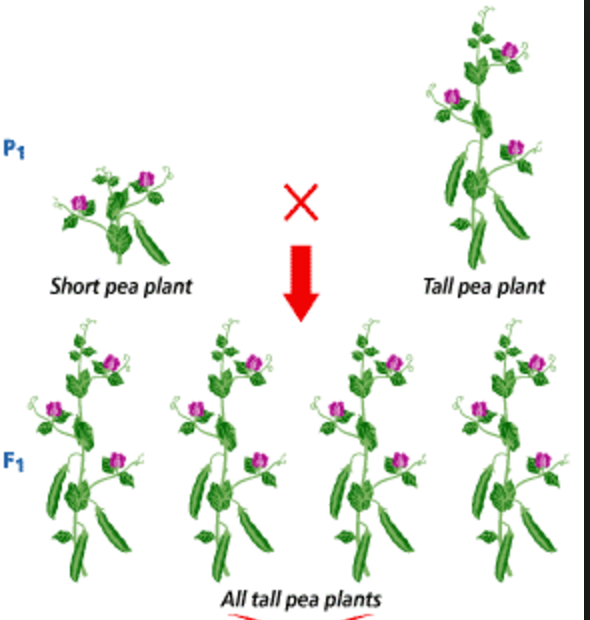
He was also a…

The plant he studied was..

His work involved…

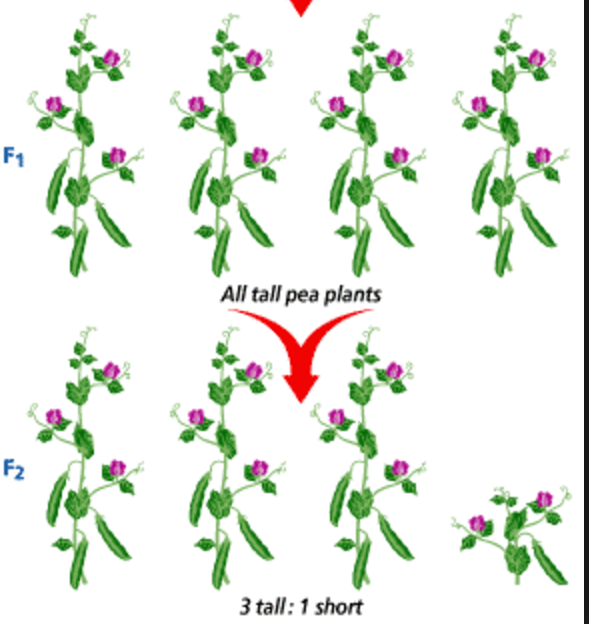
 explain what he did

Use this diagram to explain the first part of his work

describe this result…

What does F1 and F2 mean…

When he crosses two F1 plants this happened

describe this result…

Explain these results

Original tall parent…..

Original short parent…