

S2 Power of Genetics Homework Task 1

Answer the following questions in your jotter.

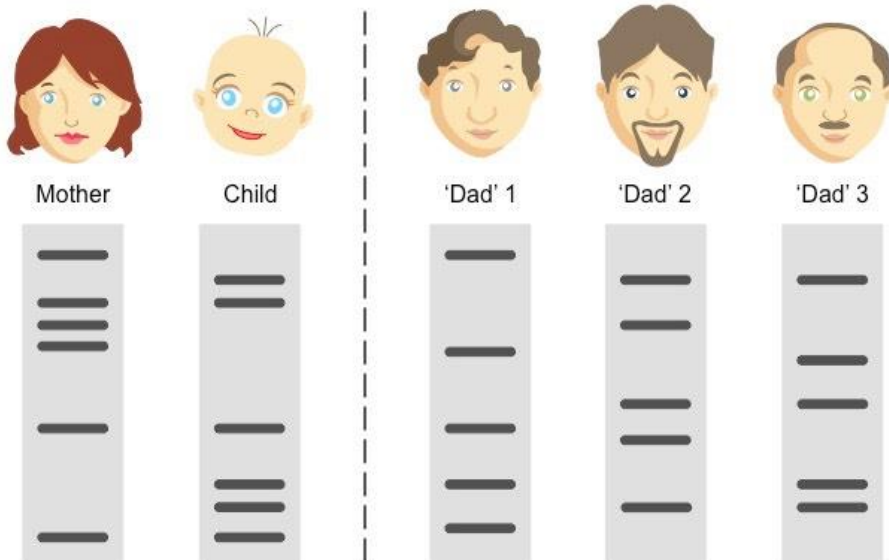
1. Where is DNA found?
2. What does DNA do?
3. **Copy and complete** these sentences:

DNA is a long molecule made of deoxyribose _____ and _____ which form a backbone. The double _____ is joined together by _____. There are 4 bases which are given the letters A, __, __ and G.

A and ____ always join together, and ____ and G always join together.

4. Give one thing that DNA samples can be used to find out about.

Look at the picture below. Which 'Dad' is most likely to be the father of the child?



5. (a) What are the names of the four scientists who discovered the structure of DNA?
(b) What was the only female scientist's contribution?