



# KS2 Lesson Plan

## Module 2

### Lesson 3

#### DNA and Heritage



## Learning Objectives

- To understand DNA and how DNA gives us identity
- Helps pupils to understand their own heritage
- Supporting [Every Child Matters]
- Supporting 'Fundamental British Values'.

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## Activities

- Play the DNA Video regarding ethnicity. You may want to play this prior to the lesson to determine whether it is appropriate. This short video has never been more appropriate and supports diversity, inclusion and encourages pupils to find out about their own heritage and importantly their roots.
- Pupils to discuss the different types of DNA evidence. Use the DNA (PDF) fact sheet.
- Do any of the pupils actually know what the abbreviation DNA stands for?
- (Scientific definition) Deoxyribonucleic Acid (DNA) is the chemical name for the molecule that carries genetic instructions in all living things.
- The DNA molecule consists of two strands that wind around one another to form a shape known as a double helix.

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## Lesson Extras

- A factsheet PDF is included along with a informative video to enable further discussion of the topic.