

Year 6 Science – Evolution and Inheritance

7 detailed lessons with scripted teacher instruction and clear success criteria aligned to the National Curriculum.

Lesson 1: What is Evolution?

Success Criteria:

- I can define evolution using scientific language.
- I can explain that evolution happens over a long period of time.
- I can give an example of a change in a living thing over time.

Teacher Scripted Instruction:

Teacher says: Today we are learning about evolution. Evolution means how living things change over a very long time. These changes do not happen quickly or in one lifetime. They happen slowly over millions of years. Evolution helps explain why animals and plants today look different from those in the past.

Teacher Modelling:

Teacher shows images of animals from different time periods and explains observed changes.

Guided Practice:

Pupils discuss changes and survival benefits with teacher prompts.

Student Task:

Write a definition of evolution and give one example.

Reasoning Question:

Why might animals that do not change struggle to survive?

Exit Quiz:

1. What does evolution mean?
2. Does evolution happen quickly?
3. True or false: Living things change over time.