

L.O: To understand Darwin's 'Theory of Evolution'

STAR WORDS	Organism	Characteristic	Species
	Animals	Evolution	Variation

Click on this link to watch the video: <https://classroom.thenational.academy/lessons/what-is-the-theory-of-evolution-6ru32d?step=1&activity=video>

Pay attention to the teacher when she is talking about Charles Darwin. When she tells you to, pause the video and type them in (type on the line and delete it if you need to).

TASK 1 - DARWIN'S OBSERVATIONS

1. When was Darwin born? _____
2. What was Darwin interested in? _____
3. How old was he when he sailed on HMS Beagle? _____

Now complete the following sentences:

4. Darwin realised that different _____ seemed to have different _____ that meant they were well suited to _____.
5. This helped him come up with the theory of _____.

TASK 2 - DARWIN'S THEORY OF EVOLUTION (Pause the video and complete these sentences when asked).

Complete the sentences using the words at the bottom of the page:

- 1) Not all individuals of a species are exactly the _____. There is a _____ between them.
- 2) The individuals of a species who are best _____ to their environment are the most likely to _____.
- 3) The individuals are more likely to _____ and pass on their useful adaptation to their _____.
- 4) Individuals that were poorly _____ were less likely to _____.
- 5) Over time, the _____ that help survival become more common and a species gradually _____.
- 6) Given enough _____, these small changes can add up to the extent that a new _____ altogether can evolve.

Missing words (cross them out as you use them)

offspring adapted survive same time changes species variation
reproduce characteristics survive adapted

TASK 3 – EXPLAIN HOW GIRAFFES GOT THEIR LONG NECKS.

Many people believe that giraffes have long necks because they evolved long necks over many generations. Explain how giraffes may have evolved long necks over time.

Keywords: variation, adapted, survive, reproduce, offspring, characteristic, time.

