



# Let's Investigate... Evolution

**Duration: ~80 minutes; Session size: ~30 pupils.**

## Session summary:

- Pupils begin by recounting what they already know about evolution and adaptation.
- We then examine how closely related animals share certain body parts, or how wildly different animals evolve the same body parts because they have adapted to the same environment.
- Pupils are introduced to a life size replica of Tiktaalik, the fish with legs and our 400 million year old ancestor.
- They are then given a box of fossil trilobites and told to find differences and similarities between the different species. We then discuss what the different body parts were used for.
- Finally, the class are instructed to design their own creature to survive in an environment of their choosing. We end by “judging” a few examples.



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