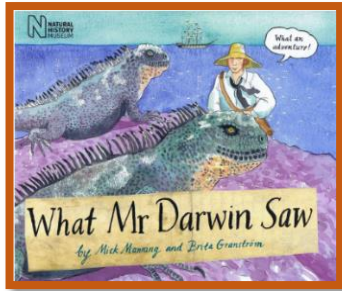


How have scientists of the past advanced our knowledge of the natural world?



End of Enquiry Learning:

Skills

- ✓ I can take accurate and precise measurements
- ✓ I can confirm the validity of results through repeated tests
- ✓ I can use a variety of variables to confirm or refute my initial hypothesis

Knowledge

- ✓ I know what evolution and inheritance is.
- ✓ I know how living things have changed over time.
- ✓ I know how fossils provide information about what life was like millions of years ago.
- ✓ I know living things produce offspring and that these sometimes vary and are not identical to parents.
- ✓ I know how animals and plants are adapted to suit their environment and that adaptation may lead to evolution.

Science Learning Organiser Year 6

Vocabulary

adaptive traits	Genetic features that help a living thing to survive.
inherited traits	These are traits you get from your parents. Within a family, you will often see similar traits, e.g. curly hair.
adaptation/ adapted	A trait changing (e.g. fur colour) changing to increase the chances of a living thing surviving so it can reproduce (have offspring/babies).
evolution	Adaptation over a very long time (e.g. thousands, hundreds of thousands or millions of years).
offspring	The young animal or plant that is produced by the reproduction of that species.
natural selection	The process where organisms that are better adapted to their environment tend to survive and produce more offspring.
inheritance	This is when characteristics are passed on to offspring from their parents
fossil	The remains or imprint of a prehistoric plant or animal, embedded in rock and preserved.
environment	An area containing many habitats and living and non-living things (habitat = specific area where a living thing lives)

