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| **Evolution and Inheritance** | **Working Scientifically** |
| * Can they talk about the work of Mary Anning? * Can they recognise that living things have changed over time and that fossils provide information about living things that inhabited the earth millions of years ago? * Can they recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents? * Can they give reasons why offspring are not identical to each other or to their parents? * Can they explain the process of evolution and describe the evidence for this? * Can they identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution? | Considering evidence and evaluating |
| * Can they report and present findings from enquiries through written explanations and conclusions? |
| **Challenge** | |
| * Can they talk about the work of Charles Darwin and Alfred Wallace? * Can they explain how some living things adapt to survive in extreme conditions? * Can they analyse the advantages and disadvantages of specific adaptations, such as being on two rather than four feet? * Can they begin to understand what is meant by DNA? | * Can they link what they have found out to other science? |