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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?
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| **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?

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