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| SCIENCE SKILLS REC to Y6EVOLUTION AND INHERITANCE |
|  | EYFS Skills | Key Stage 1 Skills | Lower Key Stage 2 Skills | Upper Key Stage 2 Skills |
|  | End of RECExpectations | End of Year 1Expectations | End of Year 2 Expectations | End of Year 3 Expectations | End of Year 4 Expectations | End of Year 5 Expectations | End of Year 6 Expectations |
| ASPECT | Average age 5 years 6 months | Average age 6yrs 6months | Average age 7years 6 months | Average age8years 6 months | Average age 9 years 6 months | Average age 10 years 6 months | Average age 11 years 6 months |
| Identifying and naming |  |  |  | Identify a range of fossilised animals and plants from pictures. |  |  | Identify features which are inherited from parents, such as eye colour and those that are not, such as tattoos and dyed hair colour. |
| Inheritance |  |  |  |  |  |  | Match offspring to their parents, linked to observable features and characteristics. |
| Evolution  |  |  |  |  |  |  | Describe how variation in living things leads to the evolution of species, using specific examples. Research the work of Darwin or Wallace to explain how the theory of evolution developed.  |
| Evolution  |  |  |  |  |  |  | Identify how specific plants or animals have adapted to their environment. |
| Adaptation |  |  |  | Define what a fossil is and how they are formed. |  |  | Explain how fossils are formed and how fossil discoveries have helped develop the theory of evolution. |
| The future |  |  |  | Suggest what the fossils of the future may be. |  |  | Suggest ways in which future changes in the world’s climate may impact on ourselves and other living species, and suggest ideas for how we may adapt to these changes. |