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| Year 6 Science – Classifying Living Things – Autumn 1 |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * I am able to give an example focussed on a supporting scientific theory, e.g. how much easier it is to life a heavy object using a pulley.
* I can carry out research when investigating a scientific theory.
* I can use scientific instruments when appropriate
* I understand what gravity is and its impact on our lives.
* I know about the effect of air and water resistance.
* I know how levers, pulleys and gears allow a smaller force to have a greater effect
 | * I understand how living things are classified by similar characteristics.
* I can explain why living things are classified.
* I explain different characteristics of plants for classification.
* I can identify different microorganisms and what they do.
* I can create closed questions to use in a classification key.
* I can record information about living things in a classification key.
* I can identify animals that don’t fit the typical classification characteristics/groups.
* I can report my findings about the classification of different living things.
 | Classify | To sort into different groups |
| Characteristics | Special qualities or appearances that make an individual or groups of things different to others.  |
| Taxonomist | A scientist who classifies different living things into categories.  |
| KeyC:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\5C93C416.tmp | A series of questions about the characteristics of living things.  |
| Species | A group of animals that can reproduce to produce fertile offspring. |
| C:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\16EDC094.tmpMicroorganisms | An organism that can only be seen using a microscope.  |