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| **Year 6: Summer Living Things and Their Habitats (Strand: Biology)** | | |
|  | | **Vocabulary**  Offspring  Sexual reproduction  Characteristics  Suited  Adapted  Environment  Inherited  Species  Fossils  Virus  Fungus  Bateria |
| **What I already know:** | | |
| Year 2   * Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.   Year 3   * Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.   Year 4   * Describe the simple functions of the basic parts of the digestive system in humans. * Identify the different types of teeth in humans and their simple functions. | | |
| **What I will learn now:** | | |
| **Year 6**   * Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. * Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. * Describe the ways in which nutrients and water are transported within animals, including humans. | **Key facts**   * Living things can be animals, plants, fungus or microorganisms such as bacteria. * Carl Linnaeus developed a classification system called Systems Naturae in 1735. * This work allowed scientists to classify all living things, according to their similarities. * Living things can be classified as animals, plants, fungus or microorganisms. * Animals can be classified as vertebrates or invertebrates. * Vertebrates can be classified as mammals, reptiles, birds, amphibians and fish. * Invertebrates can be classified as crustaceans, insects, annelids and arachnids. * Vertebrates have a backbone inside their bodies. | |
| **What I will learn next:** | | |
| KS3   * The consequences of imbalances in the diet, including obesity, starvation and deficiency diseases. * The effects of recreational drugs (including substance misuse) on behaviour, health and life processes. * The structure and functions of the gas exchange system in humans, including adaptations to function. * The mechanism of breathing to move air in and out of the lungs. * The impact of exercise, asthma and smoking on the human gas exchange system. | | |

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| **Year 6: Spring/Summer Living Things and Their Habitats (Strand: Biology)** | |
| Question 1: Name the three types of microorganisms. | |
| **Pre** | **Post** |
| Question 2: What categories could you classify animals in? | |
| **Pre** | **Post** |
| Question 3: What is the main difference between vertebrates and invertebrates? | |
| **Pre** | **Post** |
| Question 4: Name a scientist who has studied living things and contributed to their classification. | |
| **Pre** | **Post** |
| Question 5: Which of the following animals is a marsupial? fox, pelican, kangaroo, spider | |
| **Pre** | **Post** |
| Question 6: Write a key characteristic of the amphibians | |
| **Pre** | **Post** |