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| **Year 6: Autumn**  **Animals Including Humans (Strand: Biology)** | | |
| http://32f7sg2by83y1dtg9mdxf11m.wpengine.netdna-cdn.com/wp-content/uploads/2009/12/heart.png | | **Vocabulary**  Heart  Pulse  Arteries  Veins  Blood vessels  Transported  Lungs  Oxygen  Carbon dioxide  Nutrients  Water  Muscles  Cycle  Circulatory system  Diet  Exercise  Drugs  Lifestyle |
| **What I already know:** | | |
| Year 4   * Recognise that living things can be grouped in a variety of ways. * Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.   Year 5   * Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. * Describe the life process of reproduction in some plants and animals. | | |
| **What I will learn now:** | | |
| **Year 6**   * Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals * Give reasons for classifying plants and animals based on specific characteristics | **Key facts**   * 1. The circulatory system is made up of blood vessels that carry blood away from and towards the heart. * Arteries carry blood away from the heart and veins carry blood back to the heart. * The circulatory system carries oxygen, nutrients, and hormones to cells, and removes waste products, like carbon dioxide. * Nutrients are transported through your blood via capillaries, tiny blood vessels that connect arteries to veins. * Water molecules are then transported via blood circulation to be distributed all over the body, to the cells. * Poor diet and nutrition can lead to brain damage, organ damage, and different types of diseases. * The body cannot store alcohol, so once it is consumed it is quickly broken down to facilitate excretion from the body. * Therefore, a healthy balanced diet, exercise and staying away from substances that can affect the body in negative ways, are important to maintain a healthy lifestyle. | |
| **What I will learn next:** | | |
| KS3   * Differences between species. | | |