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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**HeartPulse ArteriesVeinsBlood vesselsTransported LungsOxygenCarbon dioxideNutrientsWater MusclesCycleCirculatory systemDietExerciseDrugsLifestyle |
| **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.
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| **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.
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| **What I will learn next:** |
| KS3* Differences between species.
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