



Year 6 - Home learning Science Learning Page



Spring 2022

In Year 6 this term the focus of our Science learning is '**Evolution and Inheritance.**' Here is the key learning from the National Curriculum that will be covered:

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Lesson 1 What is the theory of Evolution?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning: <ul style="list-style-type: none">• How random changes in characteristics can lead to an advantage in an organism• How the survival of these organisms leads to evolution• How Charles Darwin came up with the theory of evolution	Click here
Lesson 2 How do fossils provide evidence for evolution?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning: <ul style="list-style-type: none">• What a fossil is and how it is made• What fossils show us about changes in species over time• Why fossils do not give us a complete record of past organisms	Click here
Lesson 3 What are different animal kingdoms?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning: <ul style="list-style-type: none">• Name of each of the animal kingdoms• Key traits of each animal kingdom• How the evolutionary tree shows us how animal kingdoms are related	Click here
Lesson 4 Which organisms lived during each era of time?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning: <ul style="list-style-type: none">• Which groups of organisms existed in each period• Which groups of organisms existed in each period• The reasons why some organisms became extinct	Click here
Lesson 5 What impact have humans had on plants and animals?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning: <ul style="list-style-type: none">• Key stages in the development of Homo sapiens• Describe the impact of Homo sapiens on plants• Describe the impact of Homo sapiens on animals	Click here
Lesson 6 What impact are humans likely to have on life in the future?	Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning to: <ul style="list-style-type: none">• Describe the decline in numbers of species over the last 200 years• Describe the impact of Homo sapiens hunting animals and cutting down forest• Know what a conservationist is and what they are trying to do	Click here

Don't forget to use your Science Knowledge Organiser for this half term - **Year 6 Evolution and Inheritance** - to help you learn and understand about this topic.

You will find the knowledge organiser on the school website:

[Click here](#)