



## Science Curriculum Overview 2024-25



### Pathway : Skills for Life

| Year | Autumn 1<br>4 Sep – 25 Oct              | Autumn 2<br>4 Nov- 20 Dec   | Spring 1<br>6 Jan- 14 Feb                              | Spring 2<br>24 Feb- 4 Apr | Summer 1<br>22 Apr- 23 May                                 | Summer 2<br>2 June- 18 July |
|------|---|-----------------------------|--|---------------------------|--|-----------------------------|
| 7    | Humans- external body parts & functions |                             | Our senses<br>Materials                                |                           | Internal body parts<br>Forces                              |                             |
| 8    | Science investigations                  | Animals, including humans 2 | Seasonal changes 1<br>Unit title: Light and dark (KS1) |                           | Everyday materials 2<br>Unit title: Teeth and eating (KS1) |                             |
| 9    | Animals, including humans 2             |                             | Light and Shadow                                       |                           | The Sun, the moon and the Earth                            |                             |
| 10   | Rainforest life<br>Mountain life        |                             | Using Electricity                                      |                           | Green Plant life cycle                                     |                             |
| 11   | Uses of everyday materials in the home  |                             | Natural / renewable Energy                             |                           | Endangered Species   |                             |



# Science Curriculum Overview 2024-25



## Pathway : Vocational

| <b>Year/<br/>Class</b> | <b>Autumn 1</b><br>4 Sep – 25 Oct  | <b>Autumn 2</b><br>4 Nov- 20 Dec | <b>Spring 1</b><br>6 Jan- 14 Feb   | <b>Spring 2</b><br>24 Feb- 4 Apr | <b>Summer 1</b><br>22 Apr- 23 May   | <b>Summer 2</b><br>2 June- 18 July |
|------------------------|--|----------------------------------|--|----------------------------------|---|------------------------------------|
| <b>7</b>               | <b>Humans- external body parts &amp; functions</b>   |                                  | <b>Our senses<br/>Materials</b>  |                                  | <b>Internal body parts<br/>Forces</b>   |                                    |
| <b>8</b>               | <b>Digestion and the digestive system</b>  | <b>Forces</b>                    | <b>Earth and space</b>   | <b>Sound and light</b>           | <b>Solids liquids and gases</b>   | <b>Variation of animals</b>        |
| <b>9</b>               | <b>Adaptations of animals.</b>   | <b>Electrical circuits</b>       | <b>Cells and human reproduction<br/>Inheritance</b>  |                                  | <b>Renewable energy</b>   |                                    |
| <b>10</b>              | <b>AQA Entry level certificate – Year 1<br/>Physics</b>  |                                  | <b>AQA Entry level certificate – Year 1<br/>Physics</b>  |                                  | <b>AQA Entry level certificate – Year 1<br/>Biology</b>   |                                    |
|                        | <b>AQA Entry level certificate – Year 2<br/>Biology</b>  |                                  | <b>AQA Entry level certificate – Year 2<br/>Chemistry</b>  |                                  | <b>AQA Entry level certificate – Year 2<br/>Chemistry</b>   |                                    |
| <b>11</b>              | <b>Oak Lodge Science certificate</b>   |                                  | <b>Oak Lodge Science certificate</b>   |                                  | <b>Oak Lodge Science certificate</b>  |                                    |
|                        | <b>Communication knowledge of Science to an audience</b><br><br><b>Environmental project on Global warming</b> |                                  | <b>Health and wellbeing</b><br><br><b>Spread treatment and prevention of infection</b><br><b>Online stress</b><br><b>Body image in a digital world</b> |                                  | <b>Healthy diets</b><br><br><b>Weights and Volumes in Science</b><br><b>Healthy diets</b><br><b>Comparing cost of healthy foods by weight / volume</b><br><b>Planning healthy meals</b> |                                    |