

**Whole school curriculum coverage of Scientific Knowledge topics (2 year curriculum)**

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| **Class** | **Autumn** | **Spring**  | **Summer** |
| Hummingbird year 1 | Animals including humans (weeks 1-11)Seasonal changes (weeks 12-14) | Materials: Everyday materials(weeks 1 -6)Plants(weeks 7-12) | Plants(weeks 1-6)Seasonal changes(weeks 7-8)Climate change(weeks 9-13) |
| Hummingbird year 2 | Animals including humans (weeks 1-12)Seasonal changes (weeks 13-14) | Living things and their habitats(weeks 1- 6)Plants(weeks 7- 12) | Materials: uses of everyday materials(weeks 1-6)Analysis and development of curriculum progress(weeks 7- 9)Working scientifically(weeks 10- 13) |
| Panda year 1 | Animals including humans (weeks 1-6)Materials: Rocks(weeks 7-10)Light(weeks 11-14) | Light(week 1)Forces and magnets(weeks 2- 6)Living things and their habitats(weeks 7- 10)Plants(weeks 11- 12) | Plants(weeks 1-3)Materials: State of matter(weeks 4- 7)Sound(weeks 8- 10)Electricity(weeks 11- 13) |
| Panda year 2 | Animals including humans (weeks 1-7)Light(weeks 8-14) | Living things and their habitats(weeks 1- 6)Electricity(weeks 7- 9)Forces(weeks 10- 12) | Materials: properties and changes of materials(weeks 1- 6)Analysis and development of curriculum progress(weeks 7- 9)Working scientifically(weeks 10- 13) |
| Bear year 1 | Animals including humans (weeks 1-6)Materials: Rocks(weeks 7-10)Light(weeks 11-14) | Light(week 1)Forces and magnets(weeks 2- 6)Living things and their habitats(weeks 7- 12) | Plants(week 1 -3)Materials: State of matter(weeks 4- 7)Sound(weeks 8- 10)Electricity(weeks 11- 13) |
| Bear year 2 | Animals including humans (weeks 1-7)Light(weeks 8-12)Earth and Space(weeks 13-14) | Living things and their habitats(weeks 1 - 6)Electricity(weeks 7- 9)Forces(weeks 10- 12) | Materials: properties and changes of materials(weeks 1-6)Evolution and Inheritance(weeks 7-8)Analysis and development of curriculum progress(weeks 9- 10)Working scientifically(weeks 11- 13) |

**Coverage of topics: allocation**

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| **Topics** | **No of weeks** | **Time Spent** |
|  | **Hummingbird** | **Panda** | **Bear** | **Hummingbird** | **Panda** | **Bear** |
| **Animals including humans** | 23 | 13 | 13 | 17 hrs 15 mins | 9 hrs 45 mins | 9 hrs 45 mins |
| **Living things and their habitats** | 6 | 10 | 11 | 4hrs 30 mins | 7hrs 30 mins | 8 hrs 15 mins |
| **Plants** | 18 | 5 | 3 | 13 hrs 30 mins | 3 hrs 45 mins | 2 hrs 15 mins |
| **Materials** | 12 | 14 | 14 | 9 hrs | 10hrs30 mins | 10hrs30 mins |
| **Light** |  | 8 | 9 |  | 6 hours | 6 hrs 45 mins |
| **Seasonal Changes** | 6 |  |  | 4hrs 30 mins |  |  |
| **Sound** |  | 6 | 3 |  | 4hrs 30 mins | 2 hrs 15 mins |
| **Earth and Space** |  |  | 2 |  |  | 1 hr 30 mins |
| **Electricity** |  | 6 | 6 |  | 4hrs 30 mins | 4hrs 30 mins |
| **Forces** |  | 8 | 8 |  | 6 hours | 6 hours |
| **Evolution and inheritance** |  |  | 2 |  |  | 1 hr 30 mins |
| **Climate Changes** | 5 |  |  | 3 hrs 45 mins |  |  |
| **Analysis and development** | 3 | 3 | 2 | 2 hrs 15 mins | 2 hrs 15 mins | 1 hr 30 mins |
| **Working scientifically** | 3 | 3 | 3 | 2 hrs 15 mins | 2 hrs 15 mins | 2 hrs 15 mins |
| **Total** | **76** | **76** | **76** | **57 hours** | **57 hours** | **57 hours** |