**Foxfields Academy – Science – Long Term Plan (2024/2025)**

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|  | **Term 1** | **Term 2** | **Term 3** | **Term 4** | **Term 5** | **Term 6** |
| **Step 1** | The Human Body  Seasonal Changes | Materials  Seasonal Changes | Planting A  Animals | Caring for the Planet  Seasonal Changes  Planting B | Plants  Planting C | Growing and Cooking  Seasonal Changes |
| **Step 2** | Animals Needs for Survival  Humans | Materials  Plastics | Plants (Light and Dark)  Living Things and Their Habitats | Seasonal Changes  Living Things and Their Habitats | Plants  Growing Up | Bulbs and Seeds  Growing Up  Wildlife |
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| **Step 3** | Skeletons  Movement  Nutrition and Diet | Nutrition and Diet  Food Waste  Rocks | Fossils  Soils | Light | Plants | Forces  Magnets  Plants B  Biodiversity |
| **Step 4** | Group and Classify Living Things  Data Collection  States of Matter | States of Matter | Sounds | Data Collection  Electricity  Energy | Data Collection  Habitats  Deforestation | The Digestive System  Food Chains |
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| **Step 5** | Forces  Space | Space  Global Warming | Properties of Materials  Animals including Humans | Animals Including Humans  Life Cycles | Reproduction  Reversible and Irreversible  Changes | Reversible and Irreversible  Changes  Plastic Pollution  Reproduction |
| **Step 6** | Living Things and Their Habitats | Electricity  Renewable Energy | Light | Light Pollution  The Circulatory System  Diet, Drugs and Lifestyle | Variation  Adaptations | Fossils  Chocolate Factory |
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| **Step 7** | Cells, Tissues, Organs and Systems  Mixtures and Separations | Energy  Sexual Reproduction in Animals | Acids and Alkalis  Current electricity | Muscles and Bones  The Particle Model | Forces  Ecosystems | Atoms, Elements and Compounds  Sound |
| **Step 8** | Food and Nutrition  Combustion | Fluids  Plants and Reproduction | The Periodic Table  Light | Breathing and Respiration  Metals and Their Uses | Energy Transfers  Unicellular Organisms | Rocks  Earth and Space |
| **Step 9** | Genetics and Evolution  Making Materials | Forces and motion  Plant Growth | Reactivity  Force Fields and Electromagnets | Biology Revision  Chemistry Revision  Physics Revision | Biology Transition  Chemistry Transition | Physics Transition |
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Planning adapted from White Rose Science (Step 1-6) Active Learn by Pearson (Step 7-9)