



**Through our Christian Values -
Friendship, Compassion, Trust
and Respect:**

**We Encourage, Build & Hope
together...no one left behind.**

Based on 1 Thessalonians 5-11



Science

Curriculum Map

1. PHILOSOPHY



Six underlying attributes at the heart of Sproatley's curriculum and lessons.

Lessons and units are **knowledge and vocabulary rich** so that pupils build on what they already know to develop powerful knowledge.

Knowledge is coherently **sequenced** and planned so that pupils know more, do more and remember more.

Our curriculum is **ambitious** and inspiring. It gives all our children the opportunity to achieve academically whilst encouraging interests and talents.

Our curriculum serves to **connect**; it addresses the physical, mental, spiritual, cultural and intellectual needs of our children in a meaningful way.

We teach a **diverse** curriculum by committing to diversity; our teachers and teaching ensure that all pupils feel positively represented and included.

Our curriculum is an **inclusive** one which addresses the needs of all pupils so that they can achieve.



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2. EYFS LINKS & KS1 UNITS

Previous links to EYFS framework:

Understanding the World
 Expressive Art & Design
 Physical Development
 Communication and Language

KS1 Science is formed of 8 units and this is the recommended sequence:

Unit Title	Target Year Group
Animals inc. Humans (Common animals features, including humans)	Year 1
Plants (Common plants and their structure)	Year 1
Materials (Everyday materials and their properties)	Year 1
Seasonal changes (<u>All year – see plan for more details</u>)	Year 1
Animals inc. Humans (animal growth and basic needs)	Year 2
Living Things and their Habitats	Year 2
Plants (Growth of a plant and basic needs to grow)	Year 2
Uses of Everyday Materials	Year 2

3. LKS2 UNITS



LKS2 Science is formed of 10 units and this is the recommended sequence:

Unit Title	Target Year Group
Animals inc. Humans (Skeletal structure and nutrition)	Year 3
Forces and Magnets	Year 3
Rocks and soil	Year 3
Plants	Year 3
Light	Year 3
Electricity	Year 4
Sound	Year 4
States of Matter	Year 4
Living Things and their Habitats	Year 4
Animals inc. Humans (Digestion and food chains)	Year 4

4. UKS2 UNITS



UKS2 Science is formed of 10 units and this is the recommended sequence:

Unit Title	Target Year Group
Earth and Space	Year 5
Forces and Magnets	Year 5
Animals inc. Humans (Human life cycle)	Year 5
Living Things and their Habitats (Life cycles and reproduction)	Year 5
Properties and Changes to Materials	Year 5
Living Things and their Habitats (classification of living things)	Year 6
Electricity	Year 6
Animals inc. Humans (Circulatory system)	Year 6
Light	Year 6
Evolution	Year 6