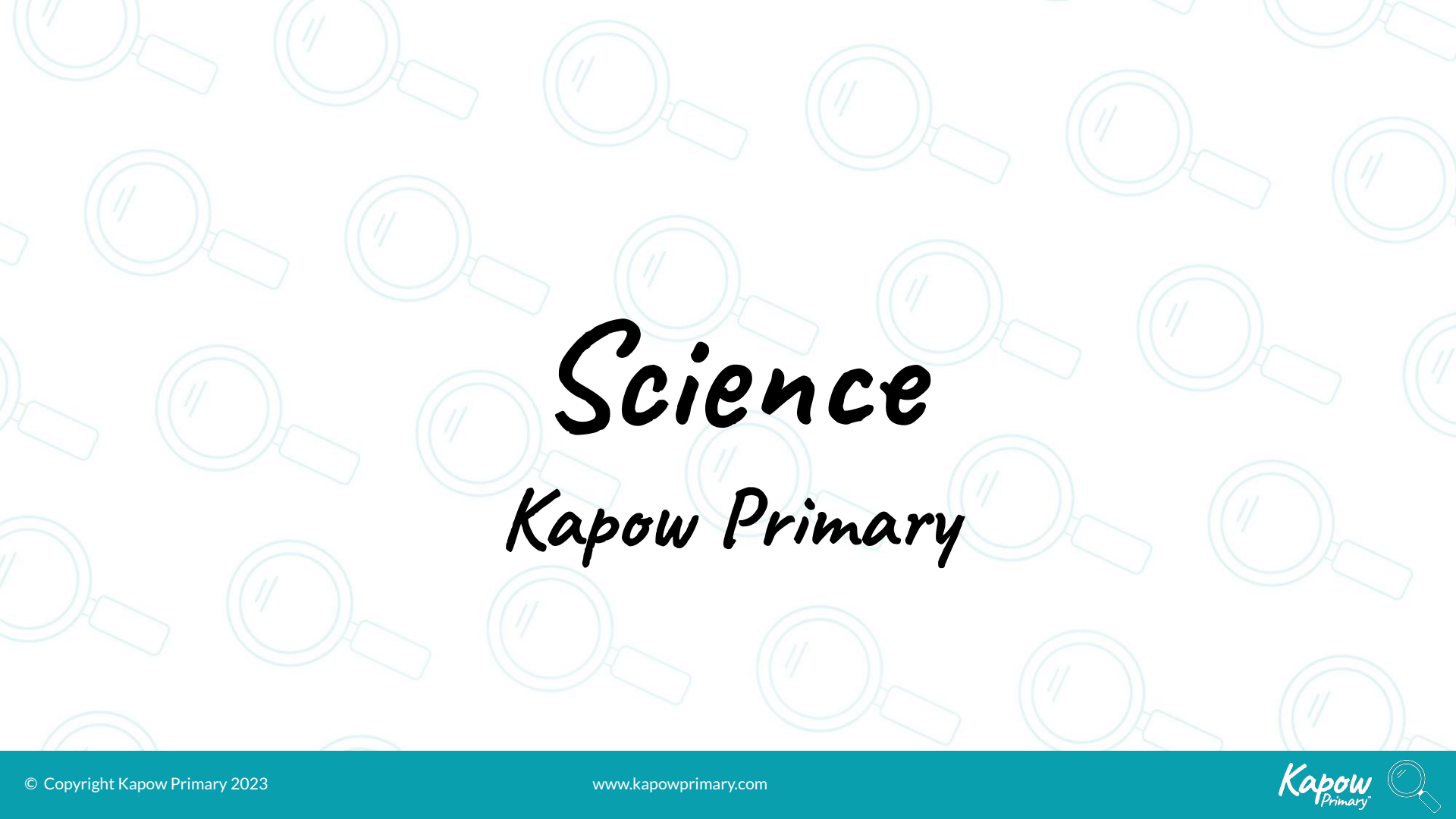


The background of the slide is a repeating pattern of light blue magnifying glasses. Each magnifying glass is oriented with its handle pointing towards the bottom right. The pattern is dense and covers the entire background.

Science

Kapow Primary

Teach with confidence with Kapow Primary

- Trusted by over 6,800 schools
- Engaging and knowledge-rich schemes of work in 12 foundation subjects
- Full coverage of national curriculum and statutory guidance
- Builds subject confidence through integrated CPD and teacher videos
- Varied and memorable lessons including pupil videos and resources
- Clear planning, subject leader, Ofsted and assessment documents
- By teachers for specialists and non-specialists alike!



Introducing Science

A progressive scheme of work covering KS1 and KS2

Our Science scheme is designed to support non-specialist teachers in running experiments, developing enquiry skills, and fostering scientific understanding.

It offers a spiral curriculum for knowledge and skill progression, complemented by videos, engaging lessons, and hands-on activities. It's a comprehensive approach to Science education.

Prepare to inspire the next generation of budding scientists!



In your own time:

[Read our Science Intent, Implementation and Impact statement!](#)

**To access the document, either a Science subscription or [free trial](#) is needed.*

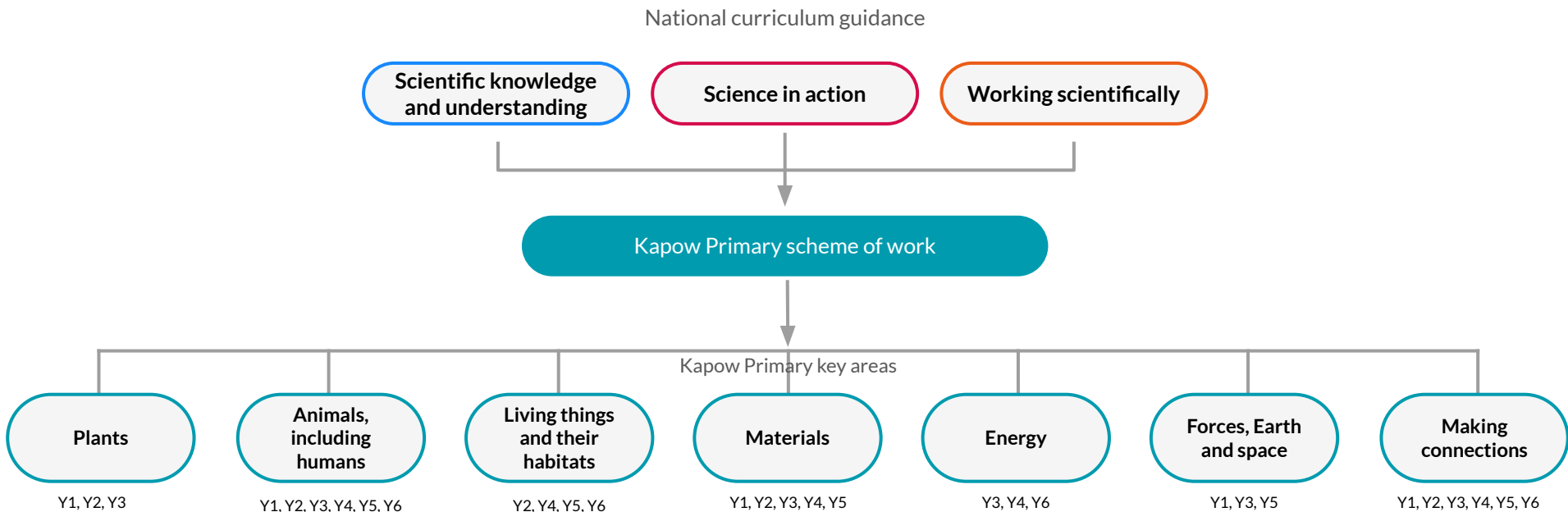


Scheme design

In your own time:
[See how the full scheme is mapped to the national curriculum!](#)



Based on the national curriculum (2014), Ofsted Research Review (2021), and Finding the Optimum Report for Science (2023), we've identified **seven key strands** in our scheme.



Scheme organisation

- Science lessons consist of six units per year group, each with six lessons.
- Each lesson has a 1.5-hour duration



In your own time: Discover the entire structure of the scheme with our long-term plan!

*To access the document, either a Science subscription or [free trial](#) is needed.

Design and technology			RSE & PSHE	Spanish	Science	Religion and worldviews	Wellbeing	History	French	Geography	Art and design	Computing	Music
STAGE		UNITS		LESSONS									
Science: Key Stage 1		YEAR 3		Assessment - Science Y3: Movement and nutrition									
Science: Lower Key Stage 2		Animals: Movement and nutrition		Lesson 1: Skeletons									
Science: Upper Key Stage 2		Forces and space: Forces and magnets		Lesson 2: The bones in our body									
 Science subject planning		Materials: Rocks and soil		Lesson 3: Muscles and movement									
		Energy: Light and shadows		Lesson 4: Eating for survival									
		Plants: Plant reproduction		Lesson 5: Nutrient groups									
		Making connections											
		YEAR 4											
		Animals: Digestion and food											

Everyday materials

Comparing and grouping materials based on their properties.

Subjects > Science > Science: Key Stage 1 > Materials: Everyday materials

Unit outcomes

Pupils who are secure will be able to:

- ✓ Name objects and identify the materials they are made from.
- ✓ Recognise that objects are made from materials that suit their purpose.
- ✓ Recall that a property is how a material can be described.

Prior learning

This is the first unit in the Kapow Primary scheme.



Experiments made easy

In our Science scheme, we simplify experiments for teachers, especially non-specialists.

Detailed step-by-step instructions are provided, using common classroom items.

Each lesson includes all necessary resources for investigations.

Our teacher videos guide you through experiments, with alternatives, troubleshooting tips, and model answers to make your role smoother.

This video is from our [Year 4: Digestion and food](#) unit.



*To access the video, either a Science subscription or [free trial](#) is needed.

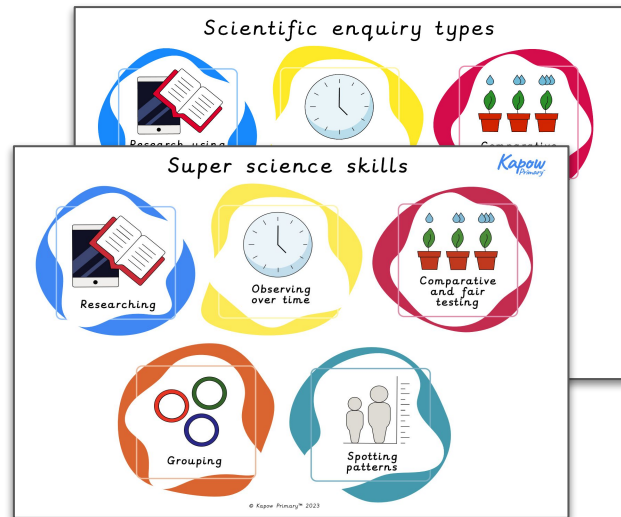
Working scientifically

Working scientifically covers practical work, scientific enquiry, and knowledge and skills.

In our Science scheme, we introduce pupils to working scientifically skills through:

Different types of enquiry – this aims to familiarise pupils with various approaches to answering questions.

Science in action! – this approach incorporates real-world relevance by highlighting the practical applications and significance of scientific concepts.



In your own time:
[Learn more information about working scientifically within our scheme!](#)



*To access the document, either a Science subscription or [free trial](#) is needed.



Enquiry cycle

Our scientific enquiry cycle includes short and full investigation opportunities, ensuring children understand working scientifically skills.

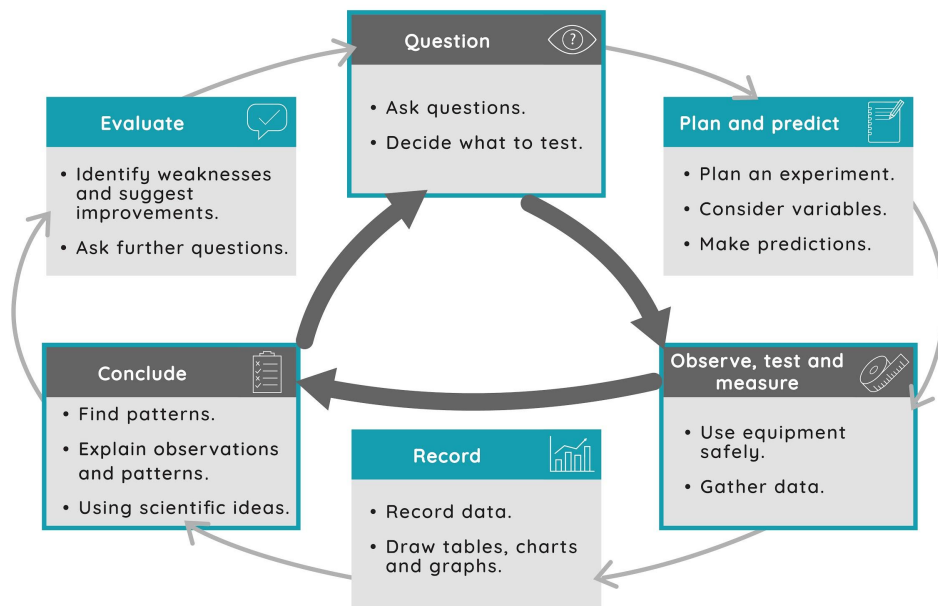
Icons are provided alongside instructions and activities to help children recognise the stages of the enquiry process.



In your own time:

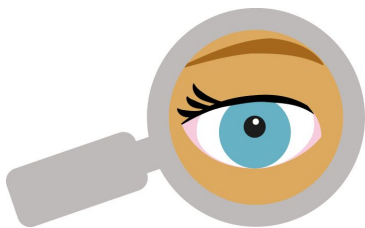
[Learn more about the enquiry cycle and how working scientifically skills progress in the entire scheme!](#)

**To access the document, either a Science subscription or [free trial](#) is needed.*

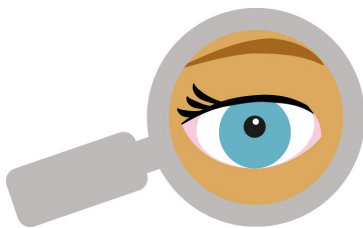


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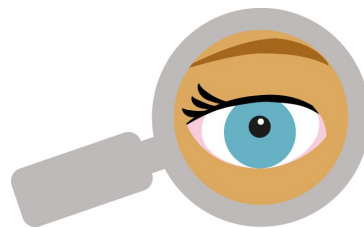
Now it's your turn to explore Kapow Primary!



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