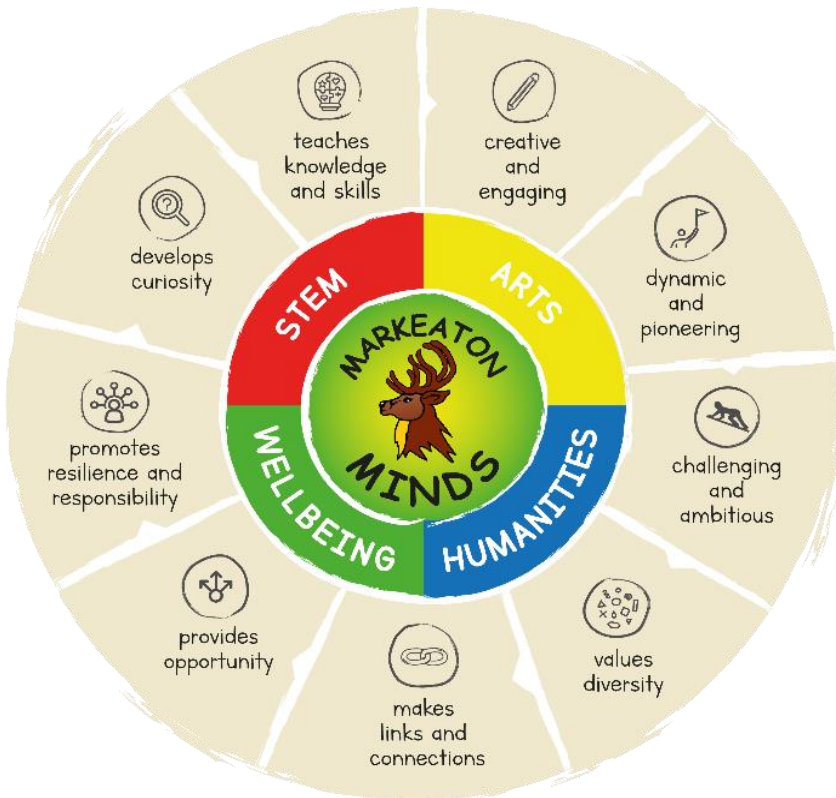


## ACTION PLAN 2023-24

<b>Date:</b>	<b>11.9.23</b>	<b>Subject/Focus Area:</b>	<b>Science</b>	<b>Completed by:</b>	STEM Team	
<b>Links to Whole School Development Priorities (please tick the last column to show which priority your subject targets link to)</b>	1. To further enhance continuous provision across FS2 and Y1					<b>x</b>
	2. To develop and embed the use of technology across the curriculum					<b>x</b>
	3. To improve progress in Writing and Maths from Y2 to Y6					
	4. To design and deliver a program of CPD to subject leaders from local schools					<b>x</b>



### Vision statement:

At Markeaton Primary School, our high-quality science curriculum provides the foundations for understanding the world through biology, chemistry and physics.

Our pupils are taught essential aspects of the knowledge, methods, processes and uses of science. Through building-up a body of key foundational knowledge and concepts, pupils are encouraged to generate and investigate their own scientific questions about the world around them, recognise the power of rational explanation and develop a sense of excitement and curiosity.

Children will leave Markeaton Primary School understanding how science can be used to explain what is occurring, predict how things will behave and analyse causes in a purposeful and meaningful way.

## Curriculum Family Target

Use technology to enhance cross-curricular links within STEM subjects.

Targets <i>(please highlight any targets which strengthen the connectivity of the curriculum)</i>	Implementation  <i>How are we going to do it?</i>					Impact  <i>What will be the impact and how will we know?</i>	
Objective	Action(s)	Staff	Resources (costs if applicable)	Start date	End date	Success criteria	Monitoring
To review the assessment of Working Scientifically across school.	<p>Evaluate current assessment: TAPS/Final 4s and MAGS assessment.</p> <p>Attend local network meetings – Assessment.</p> <p>Staff meeting to establish assessment in Science expectations (from FS2-Y6).</p>	<p>JH STEM Team</p> <p>JH</p> <p>JH</p>	Leadership time (internal cover)	September '23	July'24	<p>Clear assessment expectations to be establish and shared amongst all staff.</p> <p>Assessment will be completed by all staff in a way which is consistent and ensures progression.</p>	JH ESH IJ
To ensure the use of technology to enhance the provision of science across the school.	<p>Review current use of technology within science.</p> <p>Attend local network meetings – Technology (from FS2-Y6).</p>	<p>JH/TB</p> <p>JH/TB</p>	Leadership time (internal cover)	September '23	July'24	<p>Staff will be confident using technology within science when appropriate.</p> <p>The use of technology will be present in planning/Showbie/ lesson looks.</p>	JH ESH IJ

	Staff meeting to share technology in Science opportunities.	JH STEM Team					
To increase opportunities for child-led investigations / working scientifically.	<p>Review current CL investigative opportunities.</p> <p>Work with KS Leaders to ensure investigations are child led.</p> <p>Attend local network meetings – Child Led (from FS2-Y6).</p>	<p>JH</p> <p>JH KS Leaders</p> <p>JH</p>	Leadership time (internal cover)	September '23	July'24	The child led investigations will be present in planning/Showbie/ lesson looks/pupil voice.	JH ESH IJ

### Support for Staff

- 2 x subject leader meetings at Markeaton with six local partner schools (Ridgeway, Ashgate, Redwood, Wren Park, Gayton Juniors and Parkview)
- 3 x Meetings per year with Emma Smith Holmes (Teaching and Learning Lead)
- 2 x Curriculum Family Meetings (1 x meeting to assist with Action Plans)
- Release Time throughout the year to carry out lesson visits, book looks, pupil interviews and planning scrutiny
- Primary Science Teaching Trust
- Links with Derby University for Twilight input (Autumn term)
- Hand over meeting with previous Science Lead
- Derby Research School Cluster meetings