Science - Year Two - Term 2
What is a Scientist?
The John Hampden Science Charter

THE HAMPDEN WAY

Aspiration & Opportunity

We do our best | We are kind
We are a team

Prior Knowledge / Key Knowledge

EYFS **Early Learning Goals**	Discuss what they can see, touch, smell, hear or taste. Describe and explain what they have done. Identify and classify things they observe. Ask and answer some scientific questions. Record using pictures and captions. Record using non-standard units, charts and tables.
Year 1	Use simple equipment to help make observations. Explain what they have done. Give a reason for their answer.

Key skills / Investigation Focus

Key skills	Performing a systemic test to answer a question.
Pupil Led Investigation	What size of wing travels the furthest? Or What size of wheel rolls the furthest?

Knowledge Develop and build our scientific knowledge and vocabulary	**Investigate** Hands on practical investigation	**Challenge** Ask and answer questions that challenge our thinking	**Our World** Understanding how the science we learn links to the real world	**Curiosity** Being curious about the unknown and unexpected

Big Questions / Challenging Perceptions

Have you ever seen lots of birds flying together across the sky?

How would you travel around the globe without flying?

Which is better a wing or a wheel?

Vocabulary

Charter	A set of rights or rules that a group can follow.
Knowledge	To learn and understand information. This is often gained through experience.
Investigate	To study by looking carefully. This is systematic and questions are asked.
Challenge	To take on a task that is demanding. To disagree with your opponent.
Our World	The earth and all the people and things living upon it.
Universe	The system of created things.
Curiosity	An eager desire to learn. This is often when something is strange or unusual.
Transport	To carry from one place to another
Wheel	A round frame that turns on an axle.
Senses	Five ways to understand and experience our surroundings. The senses are touch, smell, taste, sight and hearing.
Systematic	To use an order, method or plan to carry out an action.