

## The Principles of Science

At Helen Allison, our principles for the teaching and learning of Science are:

- To provide an individualised and engaging Science curriculum which enables students to explore, discover and question the world around them.
- To teach Science in an environment that matches individual learning needs, where students will have their thinking challenged to help them become the best scientists they can be.
- By developing the skills needed to carry out investigations, students will establish a 'can do' approach which enables them to work with increased independence and articulate their discoveries.
- To inspire students to develop a lifelong curiosity of Science, and to make connections between scientific ideas in the classroom and the real world.

Today in Science

first next  
I try first then ask for help

I ask questions and investigate the answers

I challenge myself

Be the best you can be

A 'can do' approach

My lessons are practical

I am making progress

school values

An environment that matches learning needs

I learn from mistakes

I explore outside

Embracing individuality

I build on what I know

I link science to other subjects

I learn about real life science

I learn in different ways

I think about how I like to learn

# Today in Science

I try before I ask  
for help

I ask questions and  
investigate the answers

I am challenging  
myself

Be the  
best you  
can be

A 'can do'  
approach

I am engaging in  
practical lessons

I am making  
progress

How I am  
following  
our school  
values

I am making  
mistakes and  
learning from them

I am learning about  
real life science

Embracing  
individuality

An  
environment  
that matches  
individual  
learning needs

I am building on  
what I already  
know

I am exploring  
science outside

I am linking  
Science to other  
subjects

I am learning through  
different teaching  
styles and experiences

I have time to  
revisit, reflect and  
evaluate my learning

Science Yearly Plan 2023 – 2024

Class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Corfe	Springboard Curriculum					
Camber	Springboard Curriculum					
Rufus KS1	Animals (including Humans)	(Animals Including) Humans	Everyday Materials	Seasonal Changes	Plants	Recap – topics as required
Sub Topic	'Seasonal Changes' and 'Plants' – throughout the year					
Windsor Geri KS1	Animals Including Humans	Animals Including Humans	Living Things and Their Habitats	Uses of Everyday Materials	Plants	Recap – topics as required
Sub Topic	'Living Things and Their Habitats' and 'Plants' – throughout the year					
Hever Tracey KS2	Animals Including Humans	Forces and Magnets	Light	Rocks	Plants	Recap – topics as required
Sub Topic	Plants - throughout the year					
Leeds Jo KS2	Animals Including Humans	Animals Including Humans	Forces and Magnets	Light	Plants	Rocks
Sub Topic	Plants - throughout the year					
Scotney Jon KS2	Animals Including Humans	States of Matter	Electricity	Living Things and Their Habitats	Sound	Recap – topics as required
Sub Topic	Living Things and Their Habitats - throughout the year					
Rochester Pilar KS2	Animals including humans	Properties and Changes of materials	Forces	Living Things and Their Habitat	Earth and Space	Recap – topics as required
Sub Topic	Living Things and Their Habitats - throughout the year					
Warwick Tracey KS3	Forces (Physics)	Atoms and the periodic table (Chemistry)	Energy Changes and transfers (Physics)	States of matter and separating mixtures (Chemistry)	Reproduction (Biology)	Cells and Organisation (Biology)