

# Science at Burton Agnes

## The Big Picture

At Burton Agnes our vision is to give children a Science curriculum which enables them to explore and discover the world around them, confidently, so that they have a deeper understanding of the world we live in. To achieve this we plan exciting, practical hands on experiences that encourage curiosity and questioning and enable children to secure and extend their scientific knowledge and vocabulary

We believe that these opportunities will ensure that our children are confident, life-long learners who will explore the world around them.

## Sequence & Progression



- Science mapped across the whole school including EYFS
- Clear progression documents used for planning and assessment
- Additional units added in KS 1 to ensure there is a basic understanding of a topic ie light and dark added in KS1 to build on in Year 3 and 4
- Similar topics taught in each Key stage during the same term to aid teachers in planning for progression and know what learning has gone before and where it is going.
- Clear progression of enquiry skills which are threaded through each unit of work
- All children have access to science



## Links with other subjects

Reading – non-fiction information to research a topic

Explanation writing linked to literacy  
Statistics/graph interpretation, record and interpret data , record temperatures, weights, measurements maths

Geography – links to weather/water cycle/forces/

D and T knowledge of using components



## Sticky Knowledge

Prior sticky knowledge built into each unit.

High challenge/low threat tests/quizzes.

Key vocabulary linked to the topic



## Progress and Assessment

Teachers assess key learning at the end of each term linked to progression documents.  
Children complete assessment tasks and writing tasks to show learning.

Subject action plan highlights strength and areas for development.

Units of work build on prior knowledge to create a narrative of learning over time.



## Find Science!

Display in each classroom.

Science book,  
book of everything  
and floor book  
Newsletter