



Science – Intent, Implementation and Impact Statement

Intent

- To provide a high quality broad and balanced science education embedded with meaningful, memorable learning experiences
- To prepare our children for life in an increasingly scientific and technological world
- To promote a love of science
- To increase pupil's scientific knowledge through practical hands-on experiences which encourage curiosity and questioning
- To develop pupil's working scientifically skills
- To immerse pupils in science vocabulary
- To enable pupils to build on and link prior learning with new learning by offering a coherently planned and sequenced curriculum

Implementation

- Well planned science learning embedded with meaningful, memorable and practical experiences
- Provide opportunities for pupils to develop and build on their scientific knowledge while increasing their working scientifically skills of explore, question, predict, plan and carry out investigations and observations, as well as conclude findings
- Weekly science lessons
- Link prior learning with new learning by reviewing the learning taken place in previous topics as well as in previous lessons
- Science topics are taught in each year group in accordance with the Primary National Curriculum 2014 and EYFS
- Use of knowledge organisers to embed the learning
- Where possible science learning is linked to topics but if not, it is taught in discrete units and lessons, to ensure coverage
- Effective use of education visits and visitors is made and cross-curricular links are planned for
- Adaptive learning and recording strategies are used to ensure all pupils needs are met and that writing is not a barrier to science learning.

Impact

- A wide variety of skills in both scientific knowledge and understanding and scientific and investigation skills
- Memories of fun, engaging lessons that last a lifetime
- An understanding of our local area, through local study alongside science related industry and careers
- Where possible, experience of meeting / working with real life scientists
- Experience of working alongside children from other local school – as well as our linked secondary school
- A rich science vocabulary that allows them to express their ideas, predictions and findings of taught concepts
- High aspirations that will mean they all consider science careers in the future



Blakedown CE Primary School

JOY SERVE ACHIEVE