



# Science Policy

June 2021

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| Approved By:            | Date: |
| Next review Due by:     |       |
| Any signature required: |       |



All things are possible for those who believe. (Mark 9:23)

Learning together we grow in faith.

## **Introduction**

This policy reflects how we support Little Heaton pupils to develop curiosity, investigative skills and enjoyment of the acquisition of physical, chemical and biological skills that allow for a growing understanding of scientific knowledge. We encourage children to ask questions and devise investigations that deepen their understanding of the world in which they live and to appreciate how science contributes to all aspects of life. It is in conjunction with the Programmes of Study of the National Curriculum for Science 2014.

## **Aims**

- To deliver Science Programmes of Study of the National Curriculum which develops learning and results in the acquisition of knowledge which children perceive as relevant to the world around them.
- To promote learning through a wide variety of teaching and learning styles.
- To develop investigational skills through relevant practical tasks.
- To promote positive attitudes to the learning of science.

## **STRATEGIES:**

- Long Term planning for science will be based on the 2014 National Curriculum Programmes of Study and The Association for Science Education Planning Matrices (ASE) assessment document.
- Medium planning will take place every half term and ensures progression through each topic, building on prior learning revisited via 'Knowledge Organiser' information at the start of each programme of study.
- Differentiation of activities, will be made in the weekly/daily planning as appropriate to the pupils being taught based upon their prior knowledge, understanding and skills.
- Cross curricula links in other areas such as Mathematics, Geography and ICT within investigations will be seen as an opportunity for teaching and should be explored at the planning stage.
- The assessment of knowledge and skills will be planned for as part of the teaching process and 'fed back' and 'fed forward' to inform the next stage of the curriculum. Summative assessment will take place at the end of each unit.
- During planning teachers will consider and minimise risks for all activities and systematically teach pupils to take responsibility for determining the risks to themselves and others.
- Pupils will normally be organised into small groups and encouraged to work co-operatively for science work. The group size will be determined by the age, task and ability of the pupils.
- A wide range of teaching and learning styles will be used with an emphasis on investigative practical activities.
- Pupils will be taught to use a wide range of recording methods, which will include the use of Information Communication Technology at both Key Stage 1 and Key Stage 2.
- Displays of science work, information and vocabulary will be used to assist the pupils in their scientific understanding and emphasise the importance of science in the school.

## **Role of the Science Subject leader is to:**

1. Be responsible for the development of science in school
2. Monitor the effectiveness of science in school
3. Support teachers in their planning of relevant curriculum
4. Disseminate new information
5. Provide or organise relevant staff training
6. Be responsible for providing appropriate science resources

## **Parental Involvement**

At Little Heaton CE Primary School, we encourage parents to be involved by:

- Inviting them into school twice yearly to discuss the progress of their child.
- Inviting parents into school in the summer term to discuss the yearly report.

Having an 'open door' policy where parents are free to speak to class teachers either before or after school each day.