



## Creating 21<sup>st</sup> Century Scientists

A scientist observes, questions, creates hypotheses, experiments, records data, analyses data and communicates to others. All children can learn to be scientists by following their own natural curiosity. At Great Abington staff help to facilitate and foster these skills in order for children to flourish and become scientists of the future.

Great Abington Primary School aspires to provide excellent opportunities for science learning so that children:

- **Cultivate their curiosity through collaboration and communication**
- **Make links to the broader curriculum and their life experience**
- **Are challenged, stimulated and curious about taking their learning further by participating in well planned and resourced lessons**
- **Are encouraged to ask questions, take risks, experiment, reflect, make and learn from mistakes, in a safe environment**
- **Confidently use their scientific knowledge by using appropriate vocabulary in the process of enquiry and problem solving**
- **Involve the whole school community in their science learning, on and offsite**
- **Lead their own learning, carrying out and planning investigations by making links to the School's 9 Core Values**
- **Hypothesise, theorise and share their ideas and evidence to provide solutions to their questions and answers**

During these rich years of development we have high ambitions for every pupil to provide the environment within which curiosity, collaboration and effective communication thrive.

