

## INTENT

### Statement of Intent for Science

The intent identifies what our pupils need from our Science curriculum:

Our pupils need:

- teachers who create a positive attitude to Science learning within their classrooms and reinforce an expectation that all children are capable of achieving high standards in Science.
- high quality and ambitious teaching where we build children's knowledge, skills and concepts sequentially so learning opportunities reflect the needs of all pupils
- to know that there are no limitations to pursuing a career in Science – this can be an ambition for any child at CPS.
- to work scientifically and be able to question, observe, investigate, classify and record in a scientific way. These skills are embedded through Science lessons.
- to learn about inspirational scientists (past and present) and their influence in our world today.
- to have opportunities to communicate with inspirational people in our local community that are involved in Science
- to be able to positively communicate with their peers and adults about their knowledge and understanding, using appropriate scientific vocabulary that has been introduced through teaching. This communication will support their learning and enable them to share their findings accurately
- to develop their self-confidence by carrying out scientific investigations – whole class, groups and independently
- to be able to talk and record with clarity and concision their findings about different aspects of the Science curriculum
- to be able to express themselves creatively by 'thinking outside the box' during Science investigations
- to develop a passion for knowing 'why' and have resilience when pursuing answers to their questions
- to be exposed to everyday Science (e.g. seasons changing) and Science above and beyond their everyday experiences



### **Opportunities and Experiences in Science for pupils at Cirencester Primary School**

- The National Curriculum will provide a structure and skill development for the Science curriculum being taught throughout the school, which is now linked, where possible, to themed outcomes to provide a creative scheme of work, which reflects a balanced programme of study.
- All pupils will have the opportunity to take part in high quality, engaging Science lessons which have the 'working scientifically' skills at their core
- All pupils will have the opportunity to experience extra-curricular Science based activities, such as whole school assemblies and Science weeks.
- All pupils will have opportunities to engage with the local environment that ensures children learn through varied and first hand experiences of the world around them. So much of Science lends itself to outdoor learning so we provide children with opportunities to experience this both in class time and during Forest School sessions.
- All pupils will have the opportunity to positively communicate their thoughts and opinions about Science at CPS through pupil voice sessions.
- All pupils have the chance to take part in school-based Science clubs each year. We also seek every opportunity to engage with local organisations organising clubs and events and support our children and families in engaging with these, e.g. links with our local secondary school teams.