



Subject Vision 2022/23

Subject: Computing

Leaders: C Smith

To be reviewed September 2023

A high-quality computing education equips pupils to use skills vital for their future prospects. Castle Hill Primary School will provide our children with the skills, creativity and enthusiasm to live in a world increasingly dependent on computers. Skills such as strategic planning, complex and multi-step problem solving and precision will be taught through programming projects. Throughout their time at Castle Hill Primary School pupils will be introduced to concepts such as generalisation, abstraction and fluent thinking which can also be used within other STEM subjects such as mathematics, science and design and technology. Each child will be taught to use the internet in a safe and respectful way. They will be confident in their knowledge of what precautions to take to stay safe online and where to seek assistance online. Computing ensures pupils become digitally literate - able to use, and express themselves and develop their ideas through information technology. Computing will be embedded across the school within other subjects as well as a standalone subject to ensure a variety of opportunities to develop pupils skills.