Rushbrook Primary Academy

Subject Information. LKS2 Computing

In Year 3/4, pupils will build on their knowledge from Key Stage One and develop their understanding of designing, writing and debugging programs. There is a greater emphasis on reasoning and decomposing problems into smaller parts. They are beginning to use sequence, selection and repetition in their work which will be developed further in Year 5/6. They are building their Information Technology skills and can use a variety of different programs, as well as aspects within programs, across a range of devices. The pupils build on their understanding of the SMART rules for Online Safety. They learn about developing secure passwords, age restrictions and assessing the reliability of sources. Pupils will be taught about:

- Online Safety
- Logos
- Coding
- Animation
- Branching Databases
- Effective Searching
- Simulations
- Touch Typing