Computing Rationale

The Woodfield Community Primary School Computing Long Term Plan follows the sequence from Purple Mash. All units are taught following the Purple Mash Schemes of Work. The themes for each unit ensure that all the National Curriculum objectives are covered so that all the learners at Woodfield Community Primary School receive a broad and balanced curriculum.

Intent

Our Computing curriculum is ambitious and accessible for all pupils.

- Pupils will become digitally literate and ready for the future workplace.
- Pupils will be able to communicate responsibly and safely online.
- Pupils will learn how to use computing and programming to generate creative solutions to problems.
- Pupils will use technology purposefully create, organise, manipulate and store information responsibly and act safely and responsibly when online.
- Pupils will demonstrate a knowledge and understanding of the RESPECT values within Computing.

Implementation

- E-Safety sessions/units to be carried out half termly and integrated into Computing lessons when links can be made.
- Use technology safely and respectfully, keeping personal information private.
- Prior Computing knowledge will be revisited each lesson.
- Explicit teaching vocabulary in each session.
- Use a range of different software appropriate to task.
- Opportunities to be able to reflect and evaluate on an outcome.

Each Computing unit will aim to teach 5/6 Knowledge Points. Each unit will build on knowledge and vocabulary from previous units and year groups. Progression of skills and knowledge documents are to inform teaching to correct knowledge and skills.

Knowledge Points:

- All knowledge points are covered within units.

Each unit will focus on teaching relevant knowledge from each period/civilisation.

Assessment:

Pupils are required to recall and remember key facts and Computing knowledge and skills that they have learnt across a unit of work. Assessment will be built into each unit of work so that pupils are knowing more, learning more and remembering more.