

Subject: Computing

Mission Statement: Respect, Responsibility and Friendship.

Intent

Aims:

At Aldbury our aim to prepare our learners for their future by giving them the opportunities to gain knowledge and develop skills that will equip them for an ever changing digital world. Knowledge and understanding of ICT is of increasing importance for children's future both at home and for employment. Our Computing curriculum focuses on a progression of skills in digital literacy, computer science, information technology and online safety to ensure that children become competent in safely using, as well as understanding, technology. These strands are revisited repeatedly through a range of themes during children's time in school to ensure the learning is embedded and skills are successfully developed. Our intention is that Computing also supports children's creativity and cross curricular learning to engage children and enrich their experiences in school.

Values we promote:

Core values of Respect, Responsibility and Friendship.
Christian Values
Mutual respect
Tolerance
Rule of Law
Liberty
Democracy

Knowledge and skills: Reflecting Questioning Understanding Connecting Exploring ideas Forming opinions
Listening Discussing Evaluating Online Safety Digital Literacy Computer Science Problem Solving Computer Literate

Implementation

Approaches to learning: At Aldbury we use the Rising Stars Computing Scheme. The curriculum is planned on a two year rolling programme. This means that skills are revisited regularly (at least once in each year group), and children revisit each theme through a new unit that consolidates and builds on their knowledge, understanding and skills in computing.

Fun & Engaging Collaborative Challenging and reflective Cross Curricular Developing curiosity – What if?

Needs of Pupils and Interventions: Specific learning difficulties, Social and communication, Profound Multiple Learning difficulties and Social and emotional needs

Pre-teaching of vocabulary TA support (scaffolded to ensure independent learning) Small group teaching Use of external agencies to support with resources
Mixed groupings Other ways of recording: presentation, Drawings, Mind maps, etc.

Enrichment: Themed Weeks Online safety workshop and E safety days

Community Links: Parent workshops Family Support

Impact

Skills: They will have developed skills to express themselves and be creative in using digital media and be equipped to apply their skills in Computing to different challenges going forward.

Wellbeing: They are competent and safe users of ICT.

Learning walks

Book Looks

Self-assessment

Assessments

Staff Meetings

Pupil Voice

Lesson Visits

Personal Development:

As children become more confident in their abilities in Computing, they will become more independent and key life skill such as problem solving, logical thing an self-evaluation become second nature