



## VERNHAM DEAN GILLUM'S CHURCH OF ENGLAND PRIMARY

### COMPUTING

#### Our Vision

At Vernham Dean Gillum's our Curriculum is at the heart of everything we do. It is underpinned by our Christian Values of Compassion, Courage and Creativity so that we can develop Compassionate, Courageous, Creative citizens of the future in God's love.

Our Curriculum offers a diet that is broad and balanced, purposeful to the children's lives and the world around them. The curriculum is relevant with lots of "real life" experiences to support the children in developing and deepening their vital knowledge, skills and understanding. It builds on their prior learning and ensures that they can make contextual links between different areas of the curriculum, concepts and subjects.

#### Christian Values

##### The 3 Cs: Compassion, Courage and Creativity

**Compassion** was chosen to reflect the love and empathy we have for each other as Jesus has in all of us.

**Courage** was chosen to reflect the courage of Jesus on the cross and how we need to embrace difficulties in our lives and work.

**Creativity** was chosen to reflect each of us being an individual and doing things our way just as Jesus did when helping others.

#### Learning Values

At Vernham Dean Gillum's we want every child to **SOAR**

**Success** for all

**Ownership** of our learning

**Achievement** and excellence for all

**Resilient**, risk takers

#### INTENT

At Vernham Dean Gillum's, we 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 technology is of increasing importance for children's future both at home and for employment. Our Computing curriculum focuses on a progression of knowledge and skills in programming, data handling and the use of multimedia to ensure that children become competent using, as well as understanding, technology. Our intention is that Computing also supports cross curricular learning to engage children and enrich their experiences in school.

#### IMPLEMENTATION

To ensure a broad range of skills and understanding, Computing is taught across four main strands: e-safety and e-sense, programming, multi-media and technology in our lives. Pupils develop practical skills in the safe use of ICT and the ability to apply these skills to solving relevant, worthwhile problems for example understanding safe use of internet, networks and email. We teach pupils to understand and apply the fundamental principles such as algorithms and data representation. Online safety is taught regularly throughout the years.

#### IMPACT

The impact of our curriculum is measured through a range of assessment strategies to assess pupils' learning including summative, formative and qualitative. Summative assessment will capture progress at key points throughout the curriculum, is subject specific and supports adapted planning for next steps. Formative assessment is ongoing across all subjects with teachers providing feedback opportunities day by day and week by week.

The Headteacher and other key staff will review the curriculum through learning walks and scrutiny of planning and work.