

Cleeve Prior CE Primary Computing Curriculum offer

Nurturing

Flourishing

Growing



“The computer was
born to solve
problems that did not
exist before.”

— Bill Gates

Our vision is to provide a safe, caring and nurturing environment, where everyone is given opportunities to learn, discover and grow in our changing world. We will live out our Christian values of Respect, Hope, Love, Forgiveness, Trust and Honesty and strive to guide our community into leading fruitful lives, learning from Jesus' teachings, to love themselves and one another in order to flourish.

‘Teach children how they should live, and they will remember it all their life.’ Proverbs 22:6

Cleeve Prior CE Primary School – Learning and growing together in God's family.



We believe our vision, along with its associated values, set the tone for our entire ethos as a school community. We want to give our children the best start, be led by the example of Jesus' life and for all our children to know that they can achieve anything if they put their mind to it. Our role as a school is to help them to become citizens of the future, to lead and inspire others.

Our school promotes an exciting, Christian community in order that all of our pupils will:

- ♦ become independent life-long learners with an enjoyment of learning.
- ♦ achieve their full potential in all areas.
- ♦ behave well and grow in self-esteem.
- ♦ make progress emotionally, morally, physically, socially and spiritually.
- ♦ have respect for others' views, be tolerant of differences and value one another equally so they are able to live and work harmoniously in our multi-cultural society.





Computing Intent

The society we live in is becoming more reliant on computers and most jobs encounter the use of technology. A high-quality computing education prepares children for accessing those jobs and teaching computational thinking and problem solving allows children to develop the skills they need to use technology effectively and safely.

Children enjoy the feeling of solving of a problem, through a hands-on approach, computing lessons give all children the opportunity to feel a sense of accomplishment, whether that be fixing a bug in their code, programming a robot to follow a command, or creating their own game.

Children need to know how to use the internet safely, teaching children how to stay safe online and giving them the skills to recognise unethical behaviours and cyberbullying behaviours allows children to enjoy using the internet. With the right e-safety knowledge, children develop an understanding of the dangers of releasing personal information and know what can cause harm



Computing Implementation

Our computing curriculum ensures all children are able to understand and use technology. Our curriculum is aligned with the Teach Computing curriculum, which provides an in-depth coverage of the content from the National Curriculum. We support children in develop their computational thinking and problem-solving skills right from the start of Reception.

We have weekly computing lessons throughout the year. These sessions begin with Project Evolve online safety activities before following the Teach Computing scheme of work on a three-year rolling cycle.

Due to our small cohorts, we are able to ensure children have access to technology throughout the session.

Computing impact

- We use a variety of assessment methods to check what our children have learned. These include (but are not restricted to):
- Knowledge catchers
- Super summaries
- Quizzes and mini tests
- Pupil voice activities
- Activities in learning log