

Curriculum Statement for Computing

Rationale:

At Cononley Primary School, we believe that every child should have the right to a curriculum which provides support and challenge to all of our pupils, helping them to achieve to the very best of their abilities. We understand the immense value technology plays in supporting the Computing Curriculum and other curriculum subjects.

We aim to:

- provide an engaging, inspiring and challenging curriculum which will enthuse and equip pupils with the capability to use technology throughout their lives.
- Teach pupils to become responsible, respectful and competent users of data, information and communication technology.
- Equip pupils with skills, strategies and knowledge that will enable them to reap the benefits of the online world, whilst being able to minimise risk to themselves or others.

Online safety is very important at Cononley Primary School. We ensure this profile is maintained and that pupil needs are met by providing the following:

- A relevant up-to-date online safety curriculum which is progressive from Early Years to the end of Year 6.
- A curriculum that is threaded throughout other curriculums and embedded in the day-to-day lives of our pupils.
- A Responsible Use of ICT and E-Technology Policy which all staff, volunteers and governors are required to read and sign.
- An On Line Safety Policy which is regularly reviewed and updated.
- On line Safety Rules for pupils in KS1 and KS2 which are discussed on school. The rules have been sent home and parents/carers have been asked to discuss the rules at home with their children as well.
- The On-line Safety Policy includes a section summarising responsibilities for Parents and Carers and an On-line Safety agreement for Parents / Carers.
- Training for staff and governors.
- Filtering and monitoring systems for all on-line access in school.
- Data policies which stipulate how we keep confidential information secure.

Curriculum Intent

As a school, we have chosen the Purple Mash Computing Scheme of Work from Reception to Year 6. The scheme of work supports our teachers in delivering fun and engaging lessons which help to raise standards and allow all pupils to achieve to their full potential. We are confident that the scheme of work more than adequately meets the requirements for the National Curriculum for Computing and the Understanding the World – Technology section of the Early Years curriculum. The scheme of work provides flexibility and strong cross-curricular links as well as excellent supporting material for less confident teachers.

Curriculum Implementation

EYFS

At Cononley Primary School, staff select resources from the Purple Mash EYFS curriculum to support the teaching of the Early Years curriculum and the achievement of the Early Learning Goal for Technology. EYFS pupils are taught in a variety of ways through adult-led and supported tasks and child-initiated learning in provision areas.

Key Stage 1

The Purple Mash computing curriculum for Key Stage 1 is taught weekly in small groups using the mixed-age planning for KS1.

Key Stage 2

As children move into Key Stage 2, the Purple Mash computing curriculum is taught to a full class. These sessions are weekly and last approximately one hour. Year 3 pupils follow the Year 3 curriculum planning and there is a rolling programme in place for Years 4, 5 and 6. This ensures that pupils have access to the full curriculum within the mixed-age group structure of our classes. The Subject Leader for Computing teaches pupils in Years 4, 5 and 6.

In all key stages, lessons are differentiated to ensure that challenge is provided for all pupils, including those with SEND.

Resources for Computing

Every child in Year 1 – Year 6 has a personal login for the laptops and for Purple Mash. This means they can independently save their work and edit it on another device if necessary. Children in EYFS have a class login for the laptops and their own personal Purple Mash login.

Cross Curricular Links

Children will also use computing in a number of other subjects (English, maths, science, history/geography, music) in a number of ways including: to type, create posters, create musical compositions, research topics and use photo editing software (KS2).

Progression and Assessment

EYFS

Regular observations and assessments of learning are recorded using an on-line journal (Tapestry) and contribute to a summative assessment at the end of EYFS using the Early Years Outcomes for Understanding the World: Technology.

KS1 and KS2

Assessments are made at the end of each unit using the and these contribute to a summative assessment at the end of the year using assessment documents within the Purple Mash scheme.

Impact

Computing has a positive impact across the whole school. There is a clear progression of knowledge and skills which are assessed at the end of each unit. Children in Key Stage 1 develop confidence and experience using different programs and platforms, enabling them to use computing software much more independently in Key Stage 2. Children look forward to computing lessons in school and love to share their work with other children and staff. Using Purple Mash makes it easier for children to share their work at home with their parents: they can log in at home or can take QR codes home to show their pieces of work.

The impact of the curriculum will be reviewed at the end of the year through observations and assessments of pupils' learning and through pupil discussions about their learning.