



Edleston Primary School

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Headteacher: Mrs R Bagni

# Computing Policy

## Intent

Edleston Primary School believes that every child should have the right to a curriculum that champions excellence; supporting pupils in achieving to the very best of their abilities. We understand the immense value technology plays not only in supporting the Computing and whole school curriculum but overall in the day-to-day life of our school. We believe that technology can provide: enhanced collaborative learning opportunities; better engagement of pupils; easier access to rich content; support conceptual understanding of new concepts and can support the needs of all our pupils.

We teach a curriculum that enables children to become effective users of technology who can:

- Understand and apply the essential principles and concepts of Computer Science, including logic, algorithms and data representation;
- Analyse problems in computational term, and have repeated practical experience of writing computer programs in order to solve such problems;
- Evaluate and apply information technology analytically to solve problems;
- Communicate ideas well by utilising appliances and devices throughout all areas of the curriculum

## Implementation

Throughout KS1 and KS2, Computing is taught at Edleston Primary School as an area of learning in its own right as well as integrated where possible with other curriculum areas. It is taught at a minimum of one session a week and based around Purple Mash scheme of learning.

In EYFS, computing is covered through the Understanding the World – Technology strand. There is some continuous provision and discrete teaching of skills, again using Purple Mash where appropriate.

We teach lessons so that children:

- Are up to date with online safety throughout reception to y6.
- Are enthused and equipped with the capability to use technology throughout their lives.
- Are responsible, respectful and competent users of data, information and communication technology.
- Become responsible, respectful and competent users of data, information and communication technology.
- Understand the importance of governance and legislation regarding how information is used, stored, created, retrieved, shared and manipulated.

## Impact

By using Purple Mash, we meet the government recommended/statutory guidance for the programmes of study for computing and other related legislative guidance (online safety). Children are encouraged in lessons to self, peer and group assess work in a positive way using online collaborative tools such as 2Blog and 2write in Purple Mash.

## Monitoring

Governors monitor coverage of National Curriculum subjects and compliance with other statutory requirements through:

- School visits,
- meetings with the school parliament,
- sharing children's work,
- feedback from staff.

Learning is monitored by the Leadership team and subject leaders across a variety of methods including:

- work scrutinies,
- learning walks,
- pupil interviews,
- analysing data.

## Inclusion

Teachers set high expectations for all pupils. They will use appropriate assessment to set ambitious targets and plan challenging work for all groups, including:

- More able pupils
- Pupils with low prior attainment
- Pupils from disadvantaged backgrounds
- Pupils with SEN
- Pupils with English as an additional language (EAL)

Teachers will plan lessons so that pupils with SEN and/or disabilities can study every National Curriculum subject, wherever possible, and ensure that there are no barriers to every pupil achieving. Teachers will also take account of the needs of pupils whose first language is not English. Lessons will be planned so that teaching opportunities help pupils to develop their English, and to support pupils to take part in all subjects; deepening and broadening their knowledge and understanding of concepts.

Further information can be found in our statement of equality information and objectives, and in our SEN policy and information report.