Curriculum vision statement for Computing

The computing curriculum at Brington school, follows the national curriculum but also incorporates independence to use computing in pupils home learning and daily lives. All children have a google classroom account and are encouraged to store any work on their google drives so they can adapt or edit any work at home and share their achievements with their teachers, friends and families. The pupils are taught the school values alongside e safety in order for them to be able to access and comment on class pages. Pupils are given opportunities to make promotional and teaching videos throughout their time at Brington school or upload their own reading to class pages or the school bedtime story page.

Intent

- All children will follow the progression of skills and develop their computing skills in the following areas…
    - E Safety and electronic communication
    - Control
    - Modelling and simulations
    - Understanding technologies
    - Data logging

- Teachers use google classrooms to set homework and review work completed by pupils. The class page is used to have informal conversations, give messages, and develop an interest in future learning.

Implementation

- Children are taught the skills for developing a broad computing knowledge. Where possible software is used which children can access at home and at school without families incurring an additional cost.

- Children use computing in other areas of the curriculum to carry out research and develop specific skills in art, design and English lessons that use word processing, drawing or presentation skills that they will need in their future lives beyond Brington School.

- Programs used in different year groups use a sequential approach to develop skills at the appropriate level ensuring each child is challenged.

- Teachers assess skills and offer support throughout lessons. Work that is adapted or completed at home and uploaded to the child's google drive are monitored and marked by teachers.

- Chrome books, laptops, cameras and ipads are used in all subject areas to further develop pupils understandings of the modern world. It exposes them to apps and programs that they can immerse themselves in, to develop their interests further.

- Each class has an interactive board and teachers develop their own skills using these alongside the pupils.

- All pupils take part in e safety week activities to further promote our school values and how the children can keep themselves safe.

Impact

- Pupils have a high knowledge of using technology to support their learning.

- All pupils share learning and achievements via google classrooms and understand the need for respect and how to keep safe online.

- Pupils are well prepared for modern life using a range of technology.