



## Computing Policy

### Introduction

1. Computing should enrich, modernise and support all aspects of our school's curriculum. Children's learning should be made more rewarding and inspirational by using ICT. Children's confidence and progress in their computing skills is essential for them to maximise their learning in the curriculum and to prepare them for the challenge of a rapidly developing and changing technological world.
2. The school's teaching should be made more creative and effective by using computers which provide innovative experiences that would either be less inspiring or impossible without them. The school's staff should be equipped and continually updated with computing skills and resources that enable them to feel confident in using ICT effectively in their teaching and wider professional role. The school's computing resources should be as up to date, relevant and extensive as possible.
3. The children should have as much access to ICT as possible, especially for those with less access outside of school. The school should keep informed and responsive to technological advances. The school should explore innovative ways to use computers to teach creatively, communicate with all stakeholders and enrich learning.

### Aims

4. The aims of this policy are:
  - a. Ensure a broad and balanced computing curriculum is provided for all children regardless of ethnic origin, gender, class, aptitude or disability.
  - b. Meet the national curriculum requirements for Computing.
  - c. Embed computing across a curriculum that acknowledges its contribution to learning in all other subjects.
  - d. Equip pupils with a progression of computing skills that they can apply both in and out of school.
  - e. Support all staff to make effective use of ICT at a professional level.
  - f. For computing to have a positive impact on pupils' creativity, motivation, independence and collaboration, behaviour and attitudes.
  - g. Provide our children with an enjoyable experience of computers so that they will develop a deep and lasting interest and may be motivated to use them further.
  - h. For children to use computers in experimental, imaginative, exploratory ways. This will include regular opportunities for computing programming.
  - i. Ensure that staff and children understand the capabilities, advantages, risks and limitations of ICT and consider the implications of its development for society.
  - j. Make effective use of computers to transform teaching and learning providing opportunities that would otherwise not be possible.
  - k. Facilitate electronic communication between home and school.
  - l. Ensure the safety and well-being of our pupils.

- m. Teach Computing in line with the principles of our teaching and learning policy.
- n. Ensure computing resources are relevant and sufficient.

## **Responsibilities**

5. The Head teacher & Governors will:

- a. Monitor the implementation of the Computing Policy.
- b. Ensure there is a long term plan that details coverage and progression.
- c. With the subject leader, monitor teaching, learning and standards in Computing.
- d. Manage the work of the school's technician (currently being utilised from Kingdown School)

6. The ICT Subject leader will:

- a. Devise, update and monitor the school's use of the ICT skills progression.
- b. Support teachers with planning and use of resources.
- c. Undertake appropriate professional development to ensure an up to date knowledge and report to staff.
- d. Lead staff professional development in staff.
- e. Manage the computing resources in the school.
- f. With the Head teacher, monitor teaching, learning and standards in Computing.
- g. Produce an action plan for Computing, setting out the priorities which will be incorporated in any school improvement plan.
- h. Carry out any risk assessments and follow health and safety guidelines
- i. To lead and utilise the Digital Leaders within school to develop pupils' skills and responsibilities

7. Teachers will;

- a. plan opportunities for all children to develop a broad range of appropriate computing skills.
- b. plan opportunities for the relevant and creative use of ICT across the curriculum on an ongoing basis.
- c. plan for differentiation so that all children develop computing skills, taking into account the individual needs of children. This includes SEN, higher ability children and those with less access to computers at home.
- d. Ensure the appropriate time is allocated to discrete teaching of Computing and Computer Programming.
- e. Follow health and safety guidelines and the 'Acceptable Use of ICT' policy.

8. All staff will:

- a. Ensure all adults and children handle and use equipment in an appropriate way.
- b. Follow health and safety guidelines and the 'Acceptable Use of ICT' policy.

**Approved by the AAC**

**Date TBD**

**Review date Spring 2018**