

# **FURZEDOWN**

## **Computing Policy (including E-safety)**

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### **INTENT**

By the end of K.S.1 all children will be taught to:

- Understand what algorithms are, and how they are implemented
- Create and debug simple programs.
- Predict the behaviour of simple programs.
- Create, organise, store, manipulate and retrieve digital content.
- Recognise common uses of ICT beyond school.
- Use technology safely and respectfully, keeping personal information private, and to identify where to go for help and support when they have concerns online.

By the end of K.S.2 all children will be taught to:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems, and solving problems.
- Use sequence, selection, and repetition in programs.
- Work with variables and various forms of input and output.
- Explain how some simple algorithms work, and how they can detect and correct errors.
- Understand computer networks, how they can provide multiple services, and the opportunities they offer for communication and collaboration.
- Use search technologies, understand how results are selected and ranked, and be able to critically evaluate digital content.
- Select, use and combine a variety of software on a range of devices to design and create programs, systems and content that accomplish specific goals.
- Use technology safely, respectfully and responsibly, recognise acceptable behaviour and identify a range of ways to report online concerns.

All staff should be confident enough of their own skills to provide adequately for their class to meet N.C. requirements.

### **IMPLEMENTATION**

1. Regular individual access to laptops and I pads through the school.
2. Packages to support SEN e.g. Clicker 7 are available.
3. The core requirements of the KS1 and KS2 computing programmes of study, such as coding/programming, will be delivered through by computing specialist teacher for Years 1 – 6, during a dedicated weekly computer lesson.
4. Teaching of digital literacy and ICT is largely delivered through cross-curricular studies.
5. An audit of resources is taken on an annual basis to ensure that our computing provision remains appropriate to the latest requirements of the KS1 and KS2 primary computing programmes of study.
6. Awareness of correct and careful use of the equipment.
7. Prepared resources/materials to aid teaching are stored securely on the server.
8. Hardware faults are reported via IT book within the main office
9. Health & Safety – All screens are LCD

Chairs are at the correct height

See separate Health & Safety policy

10. E-Safety

- Parents are regularly reminded to be vigilant in the Parent Newsletter
- E-Safety is included in the Home-School agreements
- E-Safety is discussed in Assemblies and in class as part of PSCHÉ.
- The school has strong filters to ensure that materials are appropriate; these are constantly reviewed and upgraded.
- All classrooms have guidelines on how to use the internet safely.
- Interactive E-Safety page created on the school website with links to “Think you Know”.
- Parents kept up-to-date on E-Safety and Computing resources through talks and workshops.

11. Copyright and Data Protection

Pictures of children may be published on the internet but names will not be included.

ICT held data will be confidential and under the responsibility of the Data Controller, Janet Rix. See Data Control Policy

Anti- virus protection is installed and updated on all computers.

12. Updated website presence. Functions and details explained to staff and parents.

13. Fronter and Atomwide chosen as the school’s new platform in an effort to communicate and report to parents safely, as Atomwide has some of the highest security levels and will allow all confidential data to be held in a safe manner.

14. All staff and pupils are allocated USOs to insure high level of security as well as ease of use.

## **MONITORING AND ASSESSMENT**

1. Ongoing classroom assessment by teacher.
2. Reports to parents to include a Computing section.
3. School uses BECTA self-review document.
4. Computing target to be set for each pupil as part of the target setting procedure.
5. Display of children’s work.
6. Annual audit of staff needs for training – in-house training programmed delivered.
7. Annual pupils’ questionnaires and self-assessments.

## **IMPACT**

1. All children and staff to show growing keenness to use Computing resources.
2. Ability to meet the Computing demands of the National Curriculum and hardware and software.
3. Growing evidence of use of computing in the classroom and around the school e.g. class made books, computer- produced notices, booklets etc.
4. Greater percentage time of pupil time on computers/ ipads.
5. Continual update of staff skills through in-house training sessions and outside providers where needed.