Computing Policy

Date of Review	February 2023
Date of next review	
Signed by Head teacher	

Dallam Community Primary School

Computing Policy

Date of Policy: February 2023
Staff Author: Miss Foster
Review Date:

Intent

At Dallam Primary, we equip our pupils with the knowledge, skills and understanding that will allow them to access the forever changing world of technology and keep up with technological advances confidently and with increasing independence. We ensure that our children are well prepared for each next stage in their education and ultimately for future employment.

Using the Kapow Primary Computing scheme, we aim to instil a sense of enjoyment around using technology. To develop pupils appreciation of its capabilities and the opportunities technology offers to create, manage, organise and collaborate. Tinkering with software and programs forms a part of the ethos of the scheme as we want to develop children's confidence from EYFS and all through school. We aim to develop confidence through encountering new technology which is a vital skill in the ever evolving landscape of technology. Through our curriculum, we intend for pupils to be digitally competent and have a range of transferrable skills at a suitable level for the future but also so that they can be responsible online citizens.

This scheme of work enables pupils to meet the end of Key Stage Attainment targets outlined in National Curriculum and the aims align with those in the National curriculum.

Implementation

Computing is timetabled weekly in KS1 and KS2 and is included in continuous provision in EYFS.

Kapow is delivered at Dallam through three key strands which run throughout: computer science, information technology and digital literacy. Within these three strands lessons are categorised into five key areas computing systems and networks, programming, creating media, data handling and online safety. These areas are returned to in each year group making it clear to see prior and future learning for pupils and how teaching fits into our pupils wider learning journey.

As Kapow is a spiral curriculum, pupils revisit the five key areas throughout KS1 & KS2. They then build upon these areas with greater complexity and prior knowledge is utilised so pupils can build on firm foundations. Whilst the technology strand is no longer a specific area in the new EYFS framework (2021), children have the opportunity to develop computing skills at an early age and foster interest in technology which gives pupils an advantage going into KS1.

The implementation of Kapow Primary Computing ensures a broad and balanced coverage of the National curriculum requirements, and the 'Skills showcase' units provide pupils with opportunities to learn and apply transferable skills. Where meaningful, units have been created to link to other subjects such as science, art, and

music to enable the development of further transferable skills and genuine cross-curricular learning.

Lessons incorporate a range of teaching strategies from independent tasks, paired and group work as well as unplugged and digital activities. This variety means that lessons are engaging and appeal to those with a variety of learning styles. Guidance on how to adapt learning is available for every lesson to ensure that all children can access the curriculum with equal entitlement.

Strong subject knowledge is vital for staff to be able to deliver a highly effective and robust computing curriculum. Each of the units of lessons include teacher videos to develop subject knowledge and support ongoing CPD.

Google Classroom

All classes have a google classroom account in which pupils have their own individual log in and password. Passwords resets can be requested via EDAC. Teachers use google classroom as a teaching platform to support learning in all areas. It is a safe space that is monitored regularly by teachers and TA's. Pupil work can be found on google classroom but also each teacher has their own computing folder in which photos and videos are stored. The subject leader has access to these folders in order to monitor work.

Devices currently being used:

Ipads

Ipad trolley 1	Y1/2	location: Hideout	1-30
Ipad trolley 2	Y5/6	location: Y5/6 corridor	31-60
Ipad trolley 3	Y3/4	location: Year 3 Maple	61-90

Laptops

Laptop trolley 2	Y1/2	location: Hideout	94-123
Laptop trolley 3	Y3/4	location: Year 3 Maple	61-90
Laptop trolley 4	Y5/6	location: Y5/6 corridor	31-60

DP Trolleys

| DP Trolley 1 Laptops | location: DP corridor | 124-133 |
| DP Trolley 2 ipads | location: DP corridor | 1-13 |

EYFS/Nursery

| 12 ipads | location: EYFS corridor | 1-12 |

Impact

The computing subject lead measures the impact of the curriculum through regular monitoring of environments, looking at planning and pupils work, lesson drop ins and through pupil voice. This means that learning and progress in computing is reviewed regularly and improvements made as and when needed.

As a result, the vast majority of children leave school at the end of KS2 ready to tackle the challenges of the KS3 curriculum and with the skills to navigate safely in an ever changing digital landscape. They:

- are critical thinkers who understand how to make informed and appropriate digital choices in the future.
- know the importance that computing will have going forward in both their educational and working life and in their social and personal futures.
- know how to balance time spent on technology and time spent away from it in a healthy and appropriate manner.
- understand that technology can help to showcase their ideas and creativity. They know that different types of software and hardware can help them achieve a broad variety of artistic and practical aims.
- demonstrate technical skills across all areas of the National curriculum - computer science, information technology and digital literacy.
- can use technology both individually and as part of a collaborative team.
- are aware of online safety issues and protocols and can deal with any problems in a responsible and appropriate manner.
- have an awareness of developments in technology and have an idea of how current technologies work and relate to one another.
- meet the end of key stage expectations outlined in the National curriculum for Computing.

E-Safety Rules at Dallam Primary

Staff roles and responsibilities

Teachers and Teaching Assistants are responsible for:

- Adapting the Kapow curriculum to meet the needs of all learners in their class.
- Ensuring equipment is used safely and responsibly.
- Reporting any damage to computing equipment to the computing team – initially to the computing lead or computing support TA in school and then to Edac if it cannot be addressed in school.
- Ipad and laptop trolleys are stored in correct areas and plugs switched off at the end of the day.
- Trolley keys are returned to the office at the end of each day to ensure we are within the requirements of our insurance policy.
- Making sure all trolleys are not moved around to different areas of the school and should stay in their chosen area in order to avoid safety incidents.
- Ensuring class ipads are stored safely in the classroom and used to support teaching and learning.

Trouble Shooting

- Reporting any issues with devices, software or apps to EDAC via email to **support@edac-solutions.co.uk** where a ticket will be issued to staff and dealt with promptly.
- For curriculum support, speak to the computing lead: Becky Foster
- For minor technical issues, speak to the computing lead or support TA (Denise Conroy) in the first instance