



Action plan for Computing

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By the end of the academic year the following **Key Objective(s)** will be achieved:

1. To make sure there is assessment in place for computing.
2. To implement a recall system for computing.
3. To plan and deliver E-safety week for all year groups.

INITIATIVES TO ACHIEVE THE KEY OBJECTIVE	ACTIONS	LEAD	RESOURCES AND TIMESCALES	MONITORING AND EVALUATION ACTIVITIES
What is the component part being worked on: To create an assessment structure for all year groups. Success criteria: An assessment procedure is in place.	EJ to create computing statements to assess children in all year groups. Work with VC to add statements to Otrack spreadsheet. Staff meeting to introduce new assessments for computing. Analyse key areas of computing that are weaker than others across the school.	EJ	VC to have spreadsheet training. EJ to work with VC to add statements to Otrack. Hoping to be in place this term.	Check teachers are using Otrack to assess children in computing termly through data imputed.
What is the component part being worked on: To implement a recall system for computing Success criteria All year groups know how to assess recall in computing.	EJ to use the Purple Mash Rolling programme for computing to identify key areas to build a recall system. Recall structure based on three strands: <i>Definition - Definition based question from previous lesson, Last Lesson - Generalised question from last lesson's learning that has firm links to the current lesson. Previous Learning – These questions are based on learning that has been acquired in units that link closely to the current learning taking place.</i> Use knowledge and skill recap questions on Purple Mash for year groups to implement ppts within their lessons. Teachers to also use ppts at the start of e-safety lessons inc e-safety week for relevant year groups. Give staff opportunities to see the recall being used.	EJ	Roll out ppts to staff.	Monitor usage via a questionnaire (before xmas) and drop ins to see a lesson.
What is the component part being worked on: To plan and deliver E-safety week for February Success criteria All year groups take part in the week following a key theme.	EJ to plan e-safety week deciding upon a relevant theme with reference to Education for a Connected World framework. Book in a staff meeting to roll out to staff. Give staff an opportunity for staff to improve expertise of the subject taking the online course if they wish prior to the week.	EJ	Staff meeting to introduce E-safety theme and discuss plans for the week.	Using written/photographic evidence and e-safety logs, decide on successful areas and those to be developed over the academic year.

Action	Impact
September 2023 initial meeting set up with AS to discuss vision for computing. Policies for computing and e-safety read and updated. Intent, implementation, impact statement and computing action plan created. Added to website. Time taken during non-working days to familiarise self with Purple Mash scheme of work and how to use it during computing lessons. Worked through P.Mash training course videos for 'Getting started,' '2dos setting and assessing' and 'online safety.' Thematic overviews checked for computing content for all year groups. P.Mash accounts checked for pupils showed lots missing from year groups/not logged onto welearn365 before/same children logging on – staff meeting given to show how to add pupils to year group accounts/ passwords re-set for those needed.	• Policies reviewed, amended and action plan created. • Training on e-safety • Better provision for e-safety • Purchase of 2 sets of ipads • Increased and knowledge expertise as subject lead • Increased knowledge and expertise of staff • Training for whole staff from identified areas of weakness • Pupils now accessing Purple Mash on a regular basis • Improved coverage and progression of computing skills.
Training offered (2 staff given training Sept/Oct for accounts and how to use platform/deliver the lessons.)	• New staff able to integrate purple mash into their planning. • Greater staff expertise • Purple Mash now being used as a driver for computer
Trial of alternate coding programme Trinket alongside purple mash coding to introduce year 5 to Python coding.	• Improved opportunities to reinforce coding skills. • Adoption of Trinket
Subsequent meeting with AS & KC to discuss budgeting for staff interactive whiteboard problems, issues regarding pupil shortages of equipment particularly across multiple year groups sharing and decline of older equipment/apps failing. Three phase approach suggested to replace equipment dependent on budget. Autumn – replace IWBs in individual classrooms (6 in total) and hall screen/projector & sound equipment (completed.) Spring – ipads inc JAMF set up (in progress.) Summer/next financial year – laptops. Additional cables & charging tower purchased.	• . New whiteboards and ipads have aided teachers in delivering better lessons and now in use • Pupils have improved access and provision to apps/internet on new ipads which are reliable and simple to use. • JAMF account – more efficient for downloading apps for coordinator. • Extra cabling etc given teachers freedom to change room layout.
Familiarised self with JAMF account and successfully downloaded missing apps to all ipads. Ipad arrival (Feb 2024) and set up of Apple JAMF and accounts. Liaised with county over app choices. Ipad screen covers sourced, time to cover all ipads completed and trolley set up with labelling.	• JAMF account – more efficient for downloading apps for coordinator. • App coverage across the year groups – more choice for subjects. • Ipad covers – improved protection for use.
General maintenance of ipads/laptops with common faults e.g. network issues. Logging calls to ICTDS. October – Staff meeting delivered E-safety – distributed e-safety framework for all year groups. First theme whole school planned and resourced with aim to cover one lesson per half term. E-safety log and internet posters introduced and distributed to share in classrooms. Dec : used time to plan E-safety week and gather resources for all pupils- roll out Feb.	• Ensuring day to day running of computing runs as smoothly as possible. • Greater access to hardware. • Improved provision for e-safety • Raised profile of e-safety across the school • Maintaining drive as a school for ensuring E-safety awareness is ongoing, relevant and giving updated delivery to children. • Greater staff knowledge of the planning and provision of teaching e-safety

E-safety preparation staff meeting for E-safety week delivered. Reviewed safety logs (common theme of logged entries – asked staff to be more vigilant when children are using laptops/ipads particularly in search bars and to walk around desks more often to give monitoring presence. E-safety week delivered and newsletter piece outlining the day and follow up (parents to check devices for child locks/protection controls.)	• Education for a Connected World framework ensures all teaching staff know, plan and deliver the various areas of E-safety. • Introduction of safety logs helping staff to become more aware that the discussions during computing could lead to safeguarding issues e.g. age rated games. • Gaps identified for staff training.
Competition to design new e-safety and digital mascots held and follow up of outcome on newsletter.	• Children had more involvement in their online safety learning. • Increased pupil voice.
Regular e-safety notices added to the weekly newsletter	• Parents understand how to support their child at home. • Raised parental awareness of e-safety at home
<i>Introduced micro:bits to staff and roll out to a few year groups</i> Time taken to watch training videos and first lessons with makecode course completed. Two network meetings with computing coordinators in local area attended to have time to understand new technology and begin looking at how it could link to current curriculum. Feb meeting with other coordinators planned to map this out. Requested staff meeting from AS to deliver micro:bits to Year 5/6 as a trial – time taken from staff meeting to give training. Free micro:bit online course signed up to and completed – Feb 2024 Staff meeting introducing micro:bit delivered. April 2024 Planned Summer Term 1's micro:bit lessons for Year 5 and 6 – evidence in weekly planning for Summer 1.	• Increased staff expertise • Increased provision for coding • Increased opportunities for cross curricular teaching
Create online portfolio for whole school to document teaching of the computing curriculum.	• Able to monitor the subject more effectively. • Address staff gaps in knowledge.
Dec: Creation of working display boards for monitoring computing and E-Safety. Monitored half- termly and added to computing working wall.	• Identify gaps in knowledge and provision for computing • Identification of training needs
Ongoing monitoring of evidence across all year groups in shared folders to ensure coverage of units and if children are being stretched.	• Identify gaps in knowledge and provision for computing • Identification of training needs
Computing and E-safety boards updated regularly.	• Higher profile - boards give the school a focus and drive to ensure lessons are being taught regularly.
Audit computing in Reception classes – how it is being incorporated into curriculum/resourcing needed e.g. computer mice/programmable toys. Bee bot and mouse training given to reception and Year 1 teachers. Encouraged usage of during Spring/Summer term.	• Improved provision in the early years.

Increased subject knowledge and expertise through the National College.	• Increased subject knowledge and expertise • Improved access to staff training. • Robust e-safety lessons with relevant content.
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