

Computing Action Plan

(2023 - 2024)



Vision

At Knights Enham Junior School we provide...

'Inclusive and ambitious learning experiences where our school community feels safe and motivated to achieve their best.'

'Together We Achieve'

Computing Vision

At Knights Enham Junior School we believe...

'That all children have the access to a Computing curriculum which aims to safely inspire and challenge. All pupils are given the opportunity to leave our school prepared for a technological age which is rapidly changing and growing.'

Curriculum Intent

At Knight's Enham Junior School, Computing aims to be fully inclusive to every child and fulfil the requirements of the National Curriculum for Computing KS2. Computing at Knights Enham Junior School intends to develop 'thinkers of the future' through a modern, ambitious and relevant education in computing. We want to equip pupils to use computational thinking and creativity that will enable them to become active participants in the digital world. It is important to us that the children understand how to use the ever-changing technology to express themselves, as tools for learning and as a means to drive their generation forward into the future.

First and foremost, we believe that all pupils should be engaged in dialogue about the safe use of technology and the internet from an early age. Whilst ensuring all pupils understand the advantages and disadvantages associated with online experiences, we want children to develop as respectful, responsible and confident users of technology, aware of measures that can be taken to keep themselves and others safe online.

Our aim is to provide a Computing curriculum that is designed to balance acquiring a broad and deep knowledge alongside opportunities to apply skills in various digital contexts. To do so, we deploy teaching strategies through the Purple Mash scheme of work which also promotes our school values; resilience, independence, critical thinking, communication skills and problem solving. Beyond teaching Computing discreetly, we will give pupils the opportunity to apply and develop what they have learnt across wider learning in the curriculum.

Above all, we want our pupils to leave our school equipped with the skills they need to access a world that is ever-more reliant on technology.

Implementation:

In ensuring high standards of teaching and learning in Computing, we have signed up to the Purple Mash curriculum for Knight's Enham Junior School as it matches the available technology and the needs of the pupils we have in our school. Pupils access the different areas on the Computing curriculum using their laptops, ipads, online programming sites and other types of technology such as cameras. Our approach to the computing curriculum is engaging and high quality and the impact of our approach will be seen in the children's enjoyment and demonstration of their understanding. If children are keeping up with the curriculum they are deemed to be making good or better progress. The children are able to save their work on the Purple Mash platform where they can share and evaluate their work. This also enables teachers to view, assess and evaluate children's attainment and progress. The children are taught subject-specific knowledge and enabled to develop computing skills in their lessons. They will be provided with beneficial experiences which will give them the building blocks to enable them to access the curriculum as they move onto further education and allows them to pursue a wide range of interests in their personal life. In addition, we measure the impact of our curriculum through the following methods:

- Subject leader walks.
- Evaluation and scrutiny of work.
- Conversations with children.
- Teacher assessment against the outcomes outlined in Purple Mash planning which is linked to the computing curriculum.
- Evidence collected and filed online.
- Review of computing being used cross-curricular.

Latest Ofsted Inspection

Summary from Ofsted Inspection (Dec 2018)

Overall effectiveness Good

- | | |
|--|------|
| • Effectiveness of leadership and management | Good |
| • Quality of teaching, learning and assessment | Good |
| • Personal development, behaviour and welfare | Good |
| • Outcomes for pupils | Good |

Ofsted Guidance for What the School should do to Improve Further

- Continue to improve the quality of teaching, learning and assessment to ensure that more pupils make strong progress from their starting points.
- Ensure that all teaching provides robust challenges for pupils, particularly those who have the potential to achieve higher standards in reading, writing and mathematics.
- Ensure that all teaching supports pupils with SEND effectively so that they make stronger progress in reading, writing and mathematics.

Key school Improvements Priorities – linked to School Vision and latest Ofsted report:

1. Teaching and Learning

Improving all pupils' attainment and rates of progress from starting points.

1. To continue to raise the **standards of writing** across the school, aiming to improve progress of all children.
2. To continue to develop **assessment for learning** within the planning process, to allow more opportunity for challenge.
3. To continue embedding **early reading** and **phonics across** the school through the school's culture for rigorous reading interventions.

2. Curriculum

Creating our own curriculum which is rich, creative, and to be proud of.

1. To continue to embed the **school values** within the school curriculum to **support pupil well-being**.
2. To continue developing rich experiences through **cultural capital** by developing **pupil curriculum passports**.
3. To continue to **evolve the school curriculum** by adapting planning and skills based on last year's outcomes.

3. SEND

Meeting the needs of all children to ensure good progress.

1. To continue to develop assessment for learning by identifying gaps for pupils **working below the age-related** expectations.
2. To continue working on **quality first teaching** and **task design** to meet the needs with SEND.
3. To continue to embed the **online systems** to triangulate all the information we record on the progress made by pupils in areas of their learning.

1. Teaching & Learning

- To continue to raise the standards of writing across the school, aiming to improve progress of all children.

Intent	Implementation	Monitoring	Timescale	Budget	Impact
To ensure that all children are exposed to fully inclusive and thorough computing curriculum.	Support staff with their computing skills when needed. Regular check ins by ICT lead prior to each term to make sure all staff are confident with the programs being used in the start of each term.	ICT lead	Ongoing		
To monitor children's progress of skills as well as their understanding.	At the end of term, monitoring of learning from each term will be shown in insights.	Class teachers ICT lead	Termly		
To discuss e-safety weekly as a starter to each computing session.	E-safety discussion topics to be shared with staff prior to each term	SLT ICT lead Class teachers	Termly		
	E-safety awareness day to be celebrated with an assembly and follow on activity.	ICT lead Class teachers	6 th February 2024		

2. Curriculum

- To continue to evolve the school curriculum by adapting planning and skills based on last year's outcomes.

Intent	Implementation	Monitoring	Timescale	Budget	Impact
TO INCREASE THE NUMBER OF CHILDREN MEETING AND EXCEEDING EXPECTED ATTAINMENT	Set up focused CPD for staff based on skills gap identified in audit	ICT lead	Ongoing		To take place throughout the year to ensure teacher training has had an impact
	To utilise 2code crash course and ensure staff are using this from Y3-6	ICT lead CT	Ongoing		Follow-up meeting time allocated
	Demonstrate how fluency, problem solving and reasoning skills of pupils can be enhanced through the use of tools and activities in Purple Mash.	ICT lead CT	Termly		
TO SUPPORT IMPROVEMENT OF MATHS AND ENGLISH ATTAINMENT THROUGH THE USE OF TECHNOLOGY.	Showcase grammar, spelling and array of English tools in Purple Mash.	ICT lead CT	Termly		Planning, teaching and attainment.
	Explore using the Purple Mash Computing Assessment Tracker and link to school's assessment (insight)	ICT lead HT SHT	Autumn Term		Monitor impact of assessment tool
	Share how easy it is for teachers to enter data for their class and find exemplification for each objective.	ICT lead CT	Ongoing		Whole school data on the tracker
TO DEVELOP A MORE RIGOROUS ASSESSMENT AND TRACKING SYSTEM FOR COMPUTING					

3. SEND

- To continue working on quality first teaching and task design to meet the needs with SEND.

Intent	Implementation	Monitoring	Timescale	Budget	Impact
TO IMPROVE THE PROFILE OF ONLINE SAFETY WITH ALL SCHOOL STAKEHOLDERS	Utilise the Purple Mash SOW and associated resources. Ensure this is shared with all staff.	ICT lead CT	Termly		
	Make visible displays and prompts around the school showcasing children's learning with Purple Mash. Use sharing functionality on Purple Mash to reach wider school community.	ICT lead	Termly		Physical display, website, blog and display board content. Collect and analyse stakeholder feedback.
	Conduct regular assemblies and workshops with the children.	HT AHT ICT lead	Termly		
	Review policy and ensure it is fully ratified, shared and digested by all stakeholders	Pupil and adult voice.	Termly		Monitor impact of the new policy