



Computing at Newton Village Academy



Vision



For children –

- To experience a high quality taught Computing Curriculum.
- To value the importance of learning about technology from a young age.
- To develop skills necessary to embrace and utilise technology in a safe and responsible manner.
- To use ICT effectively across the curriculum.
- To develop computational thinking and problem solving skills as well as creativity.
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Curriculum Approach

- 5 main aspects to be revisited over the year – computing and systems, programming, creating media, data handling and online safety following Kapow and Purple Mash Curriculum.
- Plan opportunities for creativity aswell as skills.
- To bring abstract concepts to life with real world, contextual examples and links to other subjects.



Teaching & Learning Approach

- Teach computing in modules across the year and use in other subject areas where possible to enrich the curriculum.
- Clear objectives set in planning and explained to the children at the start of each lesson.
- Retrieval practice activity at the beginning of each lesson to recap prior knowledge.
- Use vocabulary.
- To use 'I do, We do, You do' modelling.
- Time given for children to practice and experiment with new skills and equipment.



Assessment & Feedback

- To assess children at the end of each lesson based on the lesson objective.
- Record observations on Tapestry.
- Regular quizzes to assess understanding of vocabulary.
- Review and Share work on the interactive whiteboard.
- Give feedback verbally and via electronic methods where appropriate (PurpleMash).

