



High aspirations - Valuing learning – Achievement for all

Vision Statement: Technologists

1. Rationale

1.1 The school defines the school's curriculum vision with the *HVA Curriculum Part 1: The vision*. The purpose of this document is to clarify the vision for children as Technologists.

2.0 Curriculum

2.1 Children are given opportunities to develop as Technologists discretely and holistically. The knowledge and skills are taught through the following:

- E-safety
- Programming / Coding
- Using technology / software

3.0 E-safety

3.1 The aim of teaching e-safety is to protect young people from the adverse consequences of access or use of electronic media, including from personal data theft, bullying, inappropriate sexualised behaviour or exploitation.

3.2 We believe children need to develop appropriate behaviours to use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

3.3 We believe children will be best supported to secure their understanding and skills through discreet teaching and regular opportunities/reminders of safe practise.

4.0 Programming / Coding

4.1. The aim of teaching children computer science, information technology and digital literacy is to empower them to not only know how computers work but how computers can be utilised to work for them as computer scientists.

4.2 As computer scientists, children will learn and understand the value of programming language and how to apply this to solve problems.

5.0 Using technology/ software

5.1 The aim of teaching children how to use specific technologies, both hardware and software will enable children to use technology as a medium either enhance learning within another state of being e.g. scientist or geographer, or as a platform to showcase their learning outcomes.

5.2 Children will learn how to use technology, such as 'radio equipment' or word processing/presentation software to present and share their learning outcomes.

5.3 Transferable computer skills, such as navigating web browsers or use of particular 'apps' will be taught and these will support and enhance the learning experiences.

6.0 Review

6.1 This document will be reviewed: September 2021