



'Achieving Through Learning'

## 2021 22 Nelson Computing Policy

### Introduction:

This policy document sets out Nelson Academies, aim, principles and strategies for the delivering of high quality computing education.

### Nelson Aim:

At Nelson Academy, our mission is to create an outstanding educational environment where everybody is valued. Our key drivers are:

- Raising aspirations
- Widened opportunities for developing learning
- The pursuit of excellence through risk taking
- 'Achieving Through Learning'
- 'Transforming lives, transforming communities'

### Curriculum aims:

Whilst computing can be seen as a vast subject the key computing curriculum aims are outlined below. It is expected that all children receive quality education that enables them to become confident and competent when working with and alongside technology (computing). Specific year group aims are outlined in Keychain curriculum. These aims are required to meet minimum standards.

- Know how to stay safe online (this MUST be evidenced)
- Retrieve and input information confidently
- Programme and Debug at a level suitable to the learner
- Make logical predictions
- Type (write) with confidence

### Teaching:

At Nelson Academy computing is taught by all members off staff. We encourage children to 'explore' during their computing lessons to see if outcomes can be achieved through individual problem solving or any experience/prior knowledge before instructing the children the outlined sequence to achieve their outcome. It is through this style of teaching children are able to make predictions and debug their own work. Teachers are expected to embed a computing curriculum within/alongside current schemes of work and with an aim

to teach four lessons per term, dedicated lessons should be solely computing and not cross-curricula where possible.

#### [Scheme of work/Assessment:](#)

Nelson Academy follows the Keychain Computing curriculum and was developed by the NCCE.

#### [Assessment/Evidence](#)

Computing assessment is completed by staff using teacher's professional judgements. Where possible, all work should be saved into a folder that is dated and has the learning objective titled. These objectives will clearly show evidence against lessons that have been completed.

#### [Hardware](#)

Staff should give pupils responsibility of looking after the school's hardware by way of year group computing monitors. These monitors are chosen to be good role models and show respect to school property as well as show enthusiasm and interest in computing. The computing lead is responsible for overseeing hardware at a school level before being passed on to the EMAT computing team.

#### [SEN](#)

SEN inclusion is included within the Keychain scheme of work.