COMPUTING VISION

At Dawley C of E Academy, we have four key values of love, hope, peace and trust that underpin everything that we do. We aim to teach the whole child and promote a love of learning across the academy. Our computing program aims to ensure that all pupils are able to use computing resources and equipment confidently, safely and respectfully in their learning across all curriculum areas. We are preparing our pupils for their future education in a growing technological world.

COMPUTING INTENT

The intent is that our pupils become confident, safe and active digital learners, who can apply a range of computing skills at a suitable level for their future education and beyond. Our pupils will be able to talk about how to stay safe online, understand and follow the E-Safety guidelines and know how and where to report concerning websites, comments or behaviour.

We are aware that our pupils have a wide range of experience with technological devices when they join our academy and through the use of Purple Mash we can build upon these skills and experiences.

The computing lead will plan and review the Purple Mash provision and program of work. Liaising with staff to review and further develop the curriculum offer for all pupils.

COMPUTING IMPLEMENTATION

The implementation of Purple Mash ensures that the computing skills are progressive and have opportunities to build upon them year after year. The individual coding tasks, for example, for each year group, builds upon the skills the pupils have previously learnt. There are challenges at the end of each activity to assess our pupils and how they have applied their skills.

Each pupil has their own login to Purple Mash that can be accessed both in the Academy and at home. All saved work can then be monitored by teaching staff and marked collating all the evidence together to demonstrate each individuals progress.

Computing will also be taught through unplugged coding activities linked to topic books and through additional resources such as green screening. Micro:Bits, coding mice and robots. The links to everyday life and equipment is also celebrated and explored.

Computing is taught weekly at Dawley, with many cross curricular links enhanced by pupils using their skills in different ways. We work with specialist computing ambassadors to support pupils learning and to develop and extend their skills.

COMPUTING IMPACT

Pupil voice will demonstrate how well the pupils understand computing, the language involved in coding and their own understanding of how to use the skills across the curriculum. The pupils will be able to talk enthusiastically about their learning and ask appropriate questions, offer suggestions about how to use equipment in their activities.

Each classroom will have E-Safety posters visible for all pupils, and reminders in each session about how to stay safe online, especially within digital literacy sessions. The use of the internet across the curriculum areas also means the pupils are able to use and develop their information searching skills, bookmarking particular articles and assessing information for fake news more regularly.

Every year, we celebrate national internet safety day, with activities planned from Nursery up to Year 6.

The curriculum lead will monitor progress across the academy through pupil voice, evidence trawls and reviewing the yearly skills progression grids each term. Any gaps in learning will be quickly identified and targeted in the next teaching block. The curriculum lead will also review CPD for staff and be a source of information for other staff to develop their own computing skills.