

Subject: Computing

Impact Statement:

At Falconhurst School, we believe in giving the children the requisite skillset and creativity to not only exist happily, but to excel in all aspects of Computing. Using their understanding from the wider curriculum, such as Maths, Science and DT, they are actively encouraged to understand the many aspects of computing and the systems involved.

With such a rapid pace of change, we are enabling them to be digitally literate, so as things do change they have the necessary knowledge to adapt, learn and make educated choices. With great opportunities, the digital world also creates many challenges, so we aim to make the children as resilient as possible so to challenge, overcome and learn from what they have to face now and in the future.

Implementation:

Our children should be able to organise their knowledge, skills and understanding into the following key areas:

- To use
- To connect
- To communicate
- To code
- To collect

These concepts underpin the learning in:

1. Information Technology (word processing, data handling, web design, animation, video, sound, etc)
2. Computer Science (computational thinking, coding & programming, networks)
3. Digital Literacy (online relationships, reputation, bullying, privacy & security, wellbeing, etc)

These aspects will be implemented within timetabled computing lessons but also across all areas of the curriculum so as to enable greater scope, understanding, context, flexibility and creativity in our children.

Impact:

Assessment – through our teaching on computing skills, both teachers and pupils will assess their skills throughout the lessons in a number of ways, online progression records to pop quizzes. These systems enable teachers to make informed judgements about the depth of the children's learning and the progress they have made over time.

Pupil Voice:

'We need to learn about computers so we can problem solve IT issues at work.'

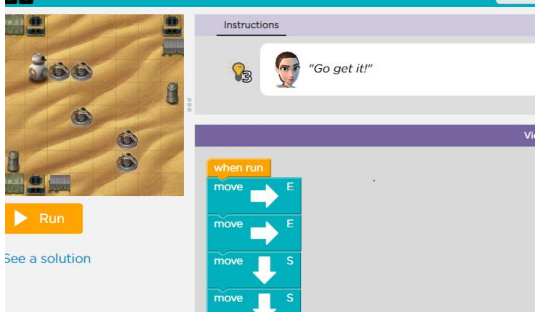
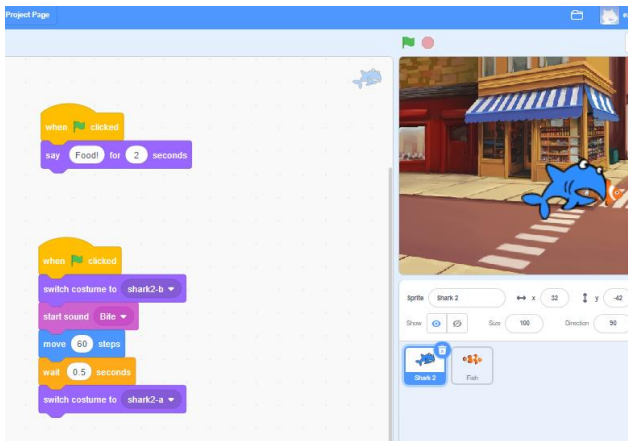
'It's the insanes!'

'I like learning to type faster.'

'Coding is the funnest thing on earth'

'An algorithm is a set of really clear instructions.'

Photos:



Dolphins

20 students

Sharks

17 students

introduction



Today we will be talking about how sound travels and anything else that relates to sound.

