

Computing at Weston Secondary School

What is Computing?

Computing is more than just being able to use a computer! You can split the subject into 3 different overlapping strands: Computer Science, Digital Literacy and IT.

Computer Science is learning how to code, how computers work and using computers to problem solve. Digital Literacy is being able to use a range of devices and technology effectively and safely. IT is using specialist computer hardware and software to complete tasks.

What is included in a Computing lesson?

Students start the lesson with a recap of previous learning. We use an online classroom where work is set and students then complete tasks based on the lesson. All work is completed on the computer which then increases students' digital literacy skills. Students have their own computer, online account with email and they have 1 lesson per week.

What have Year 7 been looking at during Autumn term?

Year 7 started with Using Computers a digital literacy unit designed to help students get used to the computer systems used at Weston Secondary School. Students are given the chance to demonstrate their digital literacy and IT skills that they have learned so far. The lessons covered include:

- e-Safety lessons
- Emailing lessons
- Word Processing lessons
- Presentation software lessons
- Desk Top Publishing software lessons
- Paint mouse skill lessons

Year 7 then moved on to World Wide Web and Fake News, looking at how to search the web effectively and how to spot fake news.

Over the rest of the year we will cover the following units:

- Spreadsheets
- Logical Thinking and problem solving
- Coding Mircobits
- New Technology Research

What do we offer outside the standard Computing curriculum?

Tuesday and Thursday lunchtimes there are coding clubs where students can learn how to code in Scratch, Python and other programming languages including app design.