

Computing

What am I going to learn?

Computing is vital in every aspect of our lives, and through studying computing, you will learn how to interact with, use and apply the principles of computer science. You will also learn how to keep safe through the use of computers. You will use a range of devices and explore new technologies and you will understand how to use computers to solve a range of problems. As well as increasing your skills in computing, you will work collaboratively within a team to develop answers to problems as they arise.

What knowledge and skills will I learn when I study Computing?

In Computing, you will learn to understand the principles and concepts of **computer science**, **information technology** and **digital literacy**. You will write and use your own computer programs and evaluate and apply new technologies. You will learn to be a responsible, competent, confident and creative user of information and communication technology. You will learn how to use computers to support your learning across the entire curriculum this is reinforced by BSPS's digital literacy scheme. We recognise that not one scheme fits all needs for computing therefore we use a range of different resources including Purple Mash, teachcomputing, code for life and teachictnt. You will be able to apply this knowledge across other programs and devices.

What knowledge and skills will computing give me when I leave Beit Shvidler?

You will go through your whole life using computers and by the time you leave Year 6 you should have the basis of computer science to participate fully in secondary school and in the wider world. We aim for you to become creators of digital content rather than simply users or consumers and we want you to understand how information technology content is created and presented. This will help you understand, access it and use it from a position of knowledge and it will support your learning through all stages of your education. We hope that through your computing lessons you will learn the skills of working and collaborating within a group. You will also have an appreciation that our exciting use of innovative technology brings us great opportunities, but also risks. You will have learned in computing and PHSE how to keep safe online and where to go for help with e-safety if it is needed.