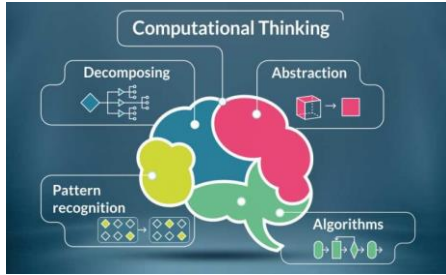




# The Stonehenge School – Computer Science Option In Year 9

**START HERE**

**Department Vision**  
 “That a pupil will receive a better Computer Science or IT education at The Stonehenge School compared with any other similar school in the UK”



**PROBLEM SOLVING**

We will spend the final two terms looking at how we break down problems using Computational Thinking skills. We use our experience of the programming projects to then think how we can break down all kinds of problems!

**SUMMER TERM**

**PROGRAMMING PROJECTS**

We will teach the pupils how to respond to a project brief and produce a plan and a working program. Projects may include writing a helpdesk system for a mobile phone company (Indy Phones) and a booking system for an outdoor sports company (Rafting Cymru)



**PYTHON BOOTCAMPS**

We will spend the first two terms building up your Python programming skills to enable you to write programs that include:

- Different Data Types
- Calculations
- Operators
- Sequences
- Selections
- Iterations
- Working with lists/arrays
- Working with external files

**AUTUMN TERM**

**SPRING TERM**



**BLETCHLEY PARK**



<b>Lesson</b>	5 x 1hr lessons a fortnight
<b>Teachers</b>	4 subject specialists in department
<b>Homework</b>	E-Learning & Knowledge Organisers
<b>Assessment</b>	End of topic test & mocks
<b>Trips</b>	Bletchley Park / Royal Signals

*“We follow the National Curriculum at KS3, prepare our students for our GCSE Computer Science course by building on what is learnt in previous years. We try to make lessons interesting, fun and real world”.*

