



Bishop Challoner

Computer Science Department

Year 6 to Year 7 Transition – Computer Science

Mr Ravenscroft – Director of Whole School ICT and Computer Science

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Please feel free to email me in regard to any questions you have relating to computer science in year 7 at Bishop Challoner.

Alongside this document are some resources which demonstrate the kind of work that year 7 computing students at Bishop Challoner will undertake. In each case a presentation and an exercise has been provided.

One of the first things that year 7 embark in computing at Challoner is block based coding. It is understood that many of the students who come to us will already have some experience of this either through school or at home. The course that we follow in year 7 is designed to enable them to further grasp the core concepts of computing: sequencing; selection; and iteration.

We utilise the code.org platform as part of our studies and year 7 follow lessons within which some time is dedicated to the completion of these digital lessons. This platform is becoming common amongst teachers, through the Hour of Code which it offers every year (access is available all year round). Year 7 start on Course 3 of the platform.

<https://studio.code.org/s/course3>

When here please attempt the following lessons:

1. Lesson 2. Maze
2. Lesson 3. Artist
3. Lesson 5. Artist: Functions
4. Lesson 6. Bee: Functions
5. Lesson 7. Bee: Conditionals
6. Lesson 11. Artist: Nested Loops

Please feel free to create an account. That way any progress made can be tracked.