Curriculum Area: Year 7 Computing

2017/2018

Topics	Year Curriculum	How you can support learning at home, eg. books, websites, family learning through visits
Understand what Binary is and why it's important in computing. Understand how to convert numbers to Binary.	AP1	Computer Science Website from BBC introduces the topics which we will be covering in Y7. Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty
Understand how a flow chart is used to plan the outcome of a program. Understand the symbols within a flow diagram.	AP2	Computer Science Website from BBC introduces the topics which we will be covering in Y7. Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty
Understand how text can be represented digitally in the form of binary digits. Understand a range of output devices for a computer system.	AP3	Computer Science Website from BBC introduces the topics which we will be covering in Y7.

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		Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty
You can explain the choice of appropriate methods and applications to collect and analyse data.	AP4	Computer Science Website from BBC introduces the topics which we will be covering in Y7. Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty
You can create a model of real world problems using a database. You can interrogate a database using queries. Understand how to display the output of a query in a professional report.	AP5	Computer Science Website from BBC introduces the topics which we will be covering in Y7. Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty
You can understand and use Simple Boolean logic – AND, OR, NOT – in searches. You can revise digital artefacts to meet the specific needs of a given audience. You can justify the choice of appropriate methods and applications to collect and analyse data.	AP6	Computer Science Website from BBC introduces the topics which we will be covering in Y7. Please encourage your students to understand the main elements. http://www.bbc.co.uk/education/subjects/z34k7ty