



St Benedict's Catholic School

*Developing Wisdom, Compassion and Resilience
through Prayer and Work*

Computer Science Department Curriculum Guide

Year 8

Curriculum

Autumn	Spring	Summer
<ul style="list-style-type: none">• Spreadsheets<ul style="list-style-type: none">○ Cells and Cell References○ Calculations (basic and complex)○ Graphs	<ul style="list-style-type: none">• Hardware<ul style="list-style-type: none">○ Storage○ File Sizes○ The CPU○ Binary Conversion	<ul style="list-style-type: none">• Mobile App Development<ul style="list-style-type: none">○ Using App Lab○ Designing Screens○ Buttons○ Variables

Assessment & Homework

Students will be assessed **three** times throughout the year – one assessment for **each term**.

Each assessment will be completed through a Microsoft Form on the **computer** during the lesson. One **third** of the assessment will be **multiple-choice**, with the remaining questions focusing on describing, explaining and justification skills.

Student's **final** grade at the end of the year will be based on their **average** grade across these three assessments.

Students will receive **two** pieces of homework each term – **one** piece per **half term**.

Each homework will be completed through a Microsoft Form that can be accessed using any device that has an **Internet** connection.

All questions will be **multiple-choice** and are designed to **mimic** the multiple-choice element of the **assessment**.

Resources

Topic 1 Resources - [BBC Bitesize](#)

Topic 2 Resources - [BBC Bitesize \(The CPU\)](#), [BBC Bitesize \(Binary\)](#), [BBC Bitesize \(File Sizes\)](#)

Topic 3 Resources – [Practice Code](#)

Extra and Super Curricular Opportunities

Coding Club – Available to Years 7 and 8 only. Run by a KS4 Coding Ambassador.