Computer Science Department Curriculum Guide

Year 7

Curriculum

Autumn	Spring	Summer

• E-Safety
   o Passwords
   o Folders
   o Emails
   o Online Safety
   o Cyberbullying
	• Computational Thinking
	   o Abstraction
	   o Decomposition
	   o Pattern Recognition
	   o Algorithmic Thinking
		• KODU Programming
		   o World Building
		   o Characters
		   o Paths
		   o Collectables
		   o Scoring
		   o Enemies
		   o Creatables

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,

Topic 3 Resources – Practice Document,

Extra and Super Curricular Opportunities

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