THE JOURNEY OF LEARNING

Year 7: Computer Science

Year 8 Summer Preparation

Year 7 Summer Term 2

- Digital Literacy: Spreadsheets
- Types of formatting
- Internet Research/online
- Revision
- DIRT EOY assessment
- Formal Assessments DC2 EOY Closed Book
- Formula and functions
- Variables and labels
- Charts
- DIRT

Year 7 Summer Term 1

- Project: Build an arcade game
- Selection/ Iteration
- Sequence of instructions
- Introduction to Scratch environment
- Extended Write:
- Game Developer
- Variables
- Sprite/background design
- Graphic Design
- DIRT

Year 7 Spring Term 2

- Colour theory, layers
- Creating a Poster on E-safety
- Formal Assessments DC1 Mid-Year Closed Book
- Computational Thinking
- Flowcharts: Recognising shapes: Unplugged
- Flowcharts: Use of subroutines
- Photopea introduction
- Extended Write: Review of unit
- Creating a poster: Visualisation document
- Safer Internet Day
- Black History Month
- Flowcharts: Selection with INPUT
- Flowcharts: Use of variables in Flowol

Year 7 Spring Term 1

- Laws and Ethics
- E-safety
- DIRT
- Assessment: Review of unit
- ASCII and Cryptology
- How Computers use Binary
- Binary - Denary
- E-safety Introduction
- Roald Dhal Bitmap unplugged
- Data Rep Converting Denary

Year 7 Autumn Term 2

- Bebras Challenge: 04/11 – 15/11
- Digital Literacy: Office 365 sign on Accessing files
- Internet & www
- Audience and Purpose: PPT
- Presentation review
- Ada Lovelace Day
- Online Safety
- Digital Literacy: Computer Hardware
- Digital Literacy: PPT
- Digital Literacy:

Year 7 Autumn Term 1

Year 7 Summer preparation

PSHE topics	Extended	Cultural	Assessments	Careers	DIRT