Key Stage 3 ICT / Computer Science

ROAD TO SUCCESS…

Year 7

Term 1

1: DESKTOP PUBLISHING

SKILLS & KNOWLEDGE:
1. Creating a Visualisation
2. Desktop Publishing (DTP) Skills
3. House Styles
4. Graphics Editing
5. Peer / Self Evaluation

MAIN HOME LEARNING
→ Plan for leaflet

MAIN ASSESSED TASK
→ Final DTP Leaflet

2: EMAIL AND E-SAFETY

SKILLS & KNOWLEDGE:
1. How to Accessing School E-mail
2. Pros, Cons and Uses of E-mail
3. Safe Use of Social Media
4. Computer-Based Threats

MAIN HOME LEARNING
→ E-safety Quiz

MAIN ASSESSED TASK
→ Annotated Social Media Profile

Term 2

3: CIPHERS AND ENCRYPTION

SKILLS & KNOWLEDGE:
1. What is Encryption
2. Why Encryption is Needed
3. Cipher Methods for Encrypting Data

MAIN HOME LEARNING
→ Cipher Quiz

MAIN ASSESSED TASK
→ Crime Solving Task (Using Ciphers)

4: KODU GAMES CREATION

SKILLS & KNOWLEDGE:
1. Basics of Algorithms (Sequences/ Selection/Loops)
2. Artificial Intelligence
3. Games Design

MAIN HOME LEARNING
→ Programming Key Terms Task

MAIN ASSESSED TASK
→ Annotated Social Media Profile (How to Stay Safe Online)

Term 3

5: BUSINESS SOFTWARE

SKILLS & KNOWLEDGE:
1. Logo Design
2. Presentation Design
3. Use of Spreadsheets
4. Video Editing

MAIN HOME LEARNING
→ Annotated Plan for Three Business Logos

MAIN ASSESSED TASK
→ Game Concept and Write-up

6: MICRO-BIT PROGRAMMING

SKILLS & KNOWLEDGE:
1. Programming a Real World Device
2. Testing an Algorithm

MAIN ASSESSED TASK
→ Final Code for End of Unit Assessed Piece

ICT

ICT UNIT

COMPUTER SCIENCE UNIT