



| | | | | | | |
|--|---|--|--|---|--|---|
| SPRING 2 IT USER SKILLS ADDITIVE MANUFACTURING COMOUTER SCIENCE – Python programming | SUMMER 1 IT USER SKILLS Presentation software COMOUTER SCIENCE – Python controlled assessment | SUMMER 2 IT USER SKILLS Presentation software COMOUTER SCIENCE – Python controlled assessment | AUTUMN 1 IT USER SKILLS GAMES DESIGN COMOUTER SCIENCE – Data representation | AUTUMN 2 IT USER SKILLS GAMES DESIGN COMOUTER SCIENCE – Data representation | SPRING 1 IT USER SKILLS ADDITIVE MANUFACTURING COMOUTER SCIENCE – Cyber security | SPRING 2 IT USER SKILLS ADDITIVE MANUFACTURING COMOUTER SCIENCE – Cyber security |
| | SUMMER 1 Office Work/Intro to Python (Digital Creativity/Computer Science) Presentation software (Interactive) Spreadsheet software (54321) Desktop Publishing (Cards Calendar) Review/Feedback Online Safety – Fake News | SUMMER 2 (Digital Creativity/Computer Science) Python Magic/Personal or Group Projects Python fast food RPS Turtle Plan it, Make it, Review it Online Safety – Making a virus | AUTUMN 1 Crash Course Computing Early computing: Electronic computing Boolean logic & logic gates Cybersecurity Computer networks ROBOTS Review/Feedback Online Safety - Ransomware | AUTUMN 2 Desktop publishing and Spreadsheet (Digital Creativity) Christmas card competition. 54321 Formular Conditional formatting Self-marking quiz Online Safety – data handling | SPRING 1 Python Programming (Computer Science) Hello world The drive through Rock, Paper, Scissors Loops (RPS part 2) Online Safety - Gaming | SPRING 2 Databases (Digital Creativity/basics) What is a database. Databases in the real world. Key database concepts. Validation vs verification. Data entry. Online Safety - Deepfakes |

| | | | | |
|---|---|--|--|---|
| SPRING 1 IT USER SKILLS ADDITIVE MANUFACTURING COMOUTER SCIENCE – Cyber security | AUTUMN 2 IT USER SKILLS GAMES DESIGN COMOUTER SCIENCE – Computer Systems | AUTUMN 1 IT USER SKILLS GAMES DESIGN COMOUTER SCIENCE – Data representation | SUMMER 2 Ingots Prep (Digital Creativity) Students look at the IT user skills units and engage with the units relevant to their IT qualification Online Safety – Unit 4 | SUMMER 1 Group Project (Digital Creativity) Whole class plan prepares and divide up jobs to undertake and a project from the INGOTS Units Online Safety – Unit 4 |
| SPRING 1 Introduction to Unreal (Digital Creativity) Market place and UI 3D File types Mixamo (Animation) Importing!!! Naming is important Review/Feedback Online Safety - Gaming | AUTUMN 2 3D modelling and product design (Digital Creativity) Organic vs Architectural Intro to Sculptress Intro Sketchup Project work Review/Feedback Online Safety – What happens to my data? | AUTUMN 1 Computer Hardware (Digital Basics) Different Types of computers. How much does it cost? What is inside a PC RAM VS ROM Build a PC workshop Review/Feedback Online Safety – Computer viruses | SUMMER 2 Personal Projects (Digital Creativity) Plan it Make it Revisit/Review it Online Safety – Fake News | SUMMER 1 Digital Imaging (Digital Creativity) Intro to Digital imaging Lote of Layers Tools Naming and saving Assesment Online Safety – Online Advertising |

| | | | |
|--|--|---|---|
| AUTUMN 1 What are Computers? (Digital Basics) Hardware Binary Help Sheet Extra Secret Messages Networking Network Simulation Tool Review/Feedback Online Safety – Networking | AUTUMN 2 Game Control (Computer Science) Flow charts Motion Loops Variables Virtual Pets Self-assessment review Online Safety - Gaming | SPRING 1 Grand Designs (Digital Creativity/Basics) Gantt Chart Plans Using SketchUp Finances Spreadsheet Help Sculptress intro Assessment Online Safety – Posting info online | SPRING 2 Typing and fine motor skills (Digital Basics) Intermediate typing.com lessons. Week by week games and competition. Competition Online Safety – Email scams |
|--|--|---|---|

