







































| ICT Curriculum Map   |   |
|--|---|
| <div>Endeavour Federation Curriculum vision</div> <div></div> | <p>At the Endeavour Federation, we follow an adapted National Curriculum, with wellbeing central to everything we do. We offer a broad and balanced curriculum, with all students having the opportunity to study a range of subjects, following bespoke pathways. The study of these subjects, allows pupils to apply theoretical knowledge to the practical elements of the curriculum.</p> <p>We believe in all our students and have high expectations for their futures. A comprehensive package of both pastoral and learning support, delivered by highly trained staff, allows them to navigate their learning journeys and improve their life outcomes, becoming the best versions of themselves.</p>  |
| <div>ICT vision</div> <div></div>                             | <p>The ICT curriculum in the Endeavour Federation is designed to meet the needs of our students to ensure success within the subject. ICT is fundamental part of all industries and most areas of adult life and will become even more important in the future so a basic grasp of the subject is vital.</p> <p>Assignments and tasks are differentiated and adapted to make them relevant to our students interests and meet their learning needs.</p> <p>Within ICT students are provide skills to cope and succeed in the wider world by using real life working examples with the BTEC ICT and Functional Skills ICT course.</p> <p>Students are assessed in Functional Skills work books, marked BTEC ICT coursework and externally marked Functional Skills ICT exams</p> |

















| Careers (CEIAG)  | Cultural Capital   | Enrichment Opportunities   | Preparing for life in modern Britain   | Literacy and Communication   |
|--|--|--|--|--|
|  |  |  |  |  |

Curriculum 'at a glance'
































|         | Autumn   |  | Spring   |   | Summer   |  |
|---------|--|--|--|---|--|--|
| Year 7  | <b>E-Safety</b>  | <b>Desktop publishing</b>  | <b>Spreadsheets and Databases</b>  |   | <b>Presentation and Animation skills</b>   |  |
|         | This is a bridging unit designed to run alongside literacy testing in first half-term. Activities show which KS2 skills still need to be embedded and help to ascertain true starting points and pupil targets for first term.                                   | This unit will consolidate learning from the previous unit and introduce the concept of document creation for a specific purpose.                                    | This unit will introduce both spreadsheet and database software, a key component of the level 1 functional skills curriculum. Pupils will be introduced to what a spreadsheet and database are and how they are used in the real world, as well as how to input data and make basic queries. |   | This unit builds on presentation skills developed at key stage 2. Pupils will revisit how to create a basic PowerPoint presentation whilst being introduced to the creative and design process used by digital animators.  |  |
| Year 8  | <b>Presentation and Multimedia Skills</b>  |  | <b>E-Safety</b>  | <b>Spreadsheets</b>   | <b>Business and Enterprise Project</b>   |  |
|         | This unit will build on the skills developed in year 7 consolidating their knowledge of PowerPoint creation and further developing and applying their designing skills to web design. Pupils will become more independent in producing a portfolio of evidence   |  | This unit will build on the learning from year 7 term 1 in which pupils discussed what E safety was. pupils will apply this knowledge to discuss and debate a range of social issues surrounding the digital world   | This unit will build on the spreadsheet skills developed in year 7. Pupils will begin to use more sophisticated formulas and begin to use automated functions to improve productivity         | This unit will consolidate all learning in ICT so far and apply the skills developed to a real-life scenario. Pupils will have opportunity in this unit to develop entrepreneurial skills and explore future career opportunities. Furthermore, this unit will link in with PSE framework taught across key stage 3. |  |
| Year 9  | <b>Document creation (publishing/word processing/Presentation)</b>   |  | <b>Spreadsheets</b>  | <b>Using ICT</b>  | <b>Functional skills Revision/Exams</b>  |  |
|         | This unit introduces the idea of working to a specification a creating a document for a specific purpose. This unit will also introduce task 3 of the functional skills exam making pupils more familiar with the layout and style of question used in the exam. |  | In this unit pupils will consolidate previous learning of spreadsheets. Pupils will learn how to use more advanced spreadsheet functions to improve the productivity of their spreadsheets   | This unit will consolidate learning across key stage 3 and will introduce tasks 1,4 and 5 of the functional skills exam. Making pupils more familiar with the layout and content of the exam. | This unit will include a range of revision based activities to consolidate learning across key stage 3 culminating in a the completion of the functional skills qualification at either level 1 or 2.  |  |
| Year 10 | <b>Unit A2- Developing a Personal Progression Plan</b>   | <b>Unit IT8- Creating a spreadsheet to solve problems</b>  | <b>Unit A1- Being organised</b>  | <b>Unit IT6- Using digital Communication technologies</b>   | <b>Unit IT11- Developing a Digital Product</b>   | <b>Unit A3- Working with others</b>  |
|         | Learners will develop the skills and behaviours needed to progress to the next stage in their learning, identifying progression opportunities and creating a plan to enable them to get there  | Learners will develop skills to create a spreadsheet that solves problems and displays numeric and non-numeric information by applying suitable tools and techniques | Learners will develop key techniques to help organise their work and priorities and manage their time effectively.   | Learners will develop their skills in using digital communication technologies, including email, social media and audio-visual communications safely for a given purpose                      | Learners will develop skills in recording and editing digital audio and video clips, and create a multimedia product for a specific purpose  | Learners will develop skills in communication, teamwork and problem solving that will enable them to work effectively with other people on a given activity. |
| Year 11 | <b>Unit A4- Researching a Topic</b>  | <b>Unit IT9- Creating a website</b>  | <b>Unit IT5- Developing Digital Information Using IT</b>   | <b>Unit IT7- Solving Technical IT problems</b>  | <b>Finalisation of course</b>  |  |
|         | Learners will develop the skills needed to carry out some outline research into an agreed topic. They will keep a record of their investigation and then present a summary of their findings.  | Learners will create a simple website using graphical tools for a specific purpose   | Learners will design and present information for a specific audience using IT. They will explore design elements and use different types of software to produce engaging information.  | In this unit, Learners will explore a range of computer external hardware and software so that you can develop and apply practical skills to solve IT problems.                               |  |  |

| Year 7 Curriculum Planning – ICT                                      |  |  |  |   |  |   |
|---|--|--|--|---|--|---|
|   | Autumn Term 1  | Autumn Term 2  | Spring Term 1  | Spring Term 2   | Summer Term 1  | Summer Term 2   |
| <b>Weekly focus</b><br><br><i>Core Knowledge, Skills and Concepts</i> | E-safety<br>1. Introduction to E-Safety<br>2. Cyber Bullying and Trolling<br>3. What is Grooming<br>4. Social media<br>5. E-safety Recap<br>6. Assignment preparation<br>7. Assignment preparation/presentation<br><br>  | Desktop publishing<br>1. What is desktop publishing<br>2. Text formatting<br>3. Graphical objects<br>4. leaflets<br>5. publishing for an audience<br>6. Assignment preparation<br>7. Assignment<br><br>  | Spreadsheets<br>1. what is a spreadsheet<br>2. creating a basic formula<br>3. Using sum/min/max/average<br>4. Filtering information<br>5. Graph/charts<br>6. Assessment<br><br>  | Databases<br>1. What is a database<br>2. data types and primary keys<br>3. Relational databases<br>4. forms<br>5. queries and reports<br>6. assessment<br><br>  | Presentation skills<br>1. introduction PowerPoint<br>2. slide master<br>3. text formatting<br>4 graphical objects<br>5. charts and graphs<br>6. transitions<br><br>    | Animation Skills<br>1. what is stop motion animation<br>2. story boarding<br>3. creating a stop motion animation<br>4. creating a stop motion animation<br>5. scripting and sound recording<br>6. combining audio and video<br>7. Presentation<br><br>    |

| Year 8 Curriculum Planning – ICT                                      |  |   |  |   |  |  |
|---|--|---|--|---|--|--|
|   | Autumn Term 1  | Autumn Term 2   | Spring Term 1  | Spring Term 2   | Summer Term 1  | Summer Term 2  |
| <b>Weekly focus</b><br><br><i>Core Knowledge, Skills and Concepts</i> | Presentation software<br>1. Use of view modes<br>2. Design principles<br>3. Text formatting<br>4. Graphical objects<br>5. Transitions and animations<br>6. Video and sound<br>7. Hyperlinks<br><br>    | Multimedia/ web design<br>1. storyboarding<br>2. wireframing<br>3. hyperlinks<br>4. Prototype<br>5. Evaluation and analysis<br><br>    | E safety<br>1. Cyber bullying and social media<br>2. Cat phishing and Phishing<br>3. Hacking<br>4. The dark web<br><br>  | Spreadsheets<br>1. creating formulae<br>2. Decision making functions (IF, AND)<br>3. Conditional formatting<br>4. Formatting Graphs/Charts<br><br>  | Business Project<br>1. Generating an idea<br>2. Primary research<br>3. Branding/logo making<br>4. Secondary research<br>5. Product design<br>6. Prototype<br><br>    | Business Project<br>1. Product testing/research<br>2. Data analysis<br>3. final product<br>4 marketing and advert<br>5. marketing and advert<br>6. assignment preparation<br>7. assignment presentation (awards day?)<br><br>    |

| Year 9 Curriculum Planning – ICT                                      |   |   |   |   |   |  |
|---|---|---|---|---|---|--|
|   | Autumn Term 1   | Autumn Term 2   | Spring Term 1   | Spring Term 2   | Summer Term 1   | Summer Term 2  |
| <b>Weekly focus</b><br><br><i>Core Knowledge, Skills and Concepts</i> | 1. Assignment brief<br>2. Research chosen topic<br>3. page layout/design<br>4. text formatting<br>5. graphical objects<br>6. assignment preparation<br>7. assignment<br><br>   | 1. Assignment brief<br>2. Research chosen topic<br>3. PowerPoint design<br>4. Slide master<br>5. Graphical objects<br>6. Effects and multimedia<br>7. Assignment presentation<br><br>   | 1. Filtering information<br>2. Decision making functions<br>3. Look up Functions<br>4. Look up Functions<br>5. Examination Preparation<br>6. unit assessment<br><br>  | 1. researching a topic<br>2. creating emails<br>3. staying safe online<br>4. protecting your files<br>5. troubleshooting<br>6. unit assessment<br><br>    | 1. spreadsheet revision<br>2. spreadsheet revision<br>3. word processing<br>4. word processing<br>5. presentation<br>6. presentation<br><br>  | 1. using ICT revision<br>2. using ICT revision<br>3. mock exam<br>4. mock exam<br>5. revision or exam<br>6. revision or exam<br>7. revision or exam<br><br>  |

| Year 10 Curriculum Planning – ICT |                            |               |                 |               |                              |                     |
|-----------------------------------|----------------------------|---------------|-----------------|---------------|------------------------------|---------------------|
|                                   | Autumn Term 1              | Autumn Term 2 | Spring Term 1   | Spring Term 2 | Summer Term 1                | Summer Term 2       |
| <b>Weekly focus</b>               | Developing a progress plan | Spreadsheets  | Being organised | Using DIT     | Developing a Digital Product | Working with others |

|  |  |  |  |  |  |   |
|--|--|--|--|--|--|---|
| <i>Core Knowledge, Skills and Concepts</i>   | <div><div>1. Thinking of a goal</div><div>2. Careers in ICT</div><div>3. Researching careers</div><div>4. skills needed for chosen goal</div><div>5. Skills audit</div><div>6. setting Smart targets</div></div> <div></div> | <div><div>1. Assignment Brief</div><div>2. design and layout</div><div>3. basic formula and functions</div><div>4. decision making functions</div><div>5. look up functions</div><div>6. graphical objects</div></div> <div></div>   | <div><div>1. Assignment brief</div><div>2. time management</div><div>3.organisational techniques</div><div>4. planning tools</div><div>5. review own organisation skills</div><div>6. assignment preparation</div></div> <div></div>   | <div><div>1.Assignment brief</div><div>2. types of DIT</div><div>3. email and communication</div><div>4.text formatting</div><div>5. social media</div><div>6. E-safety</div><div>7. assignment preparation</div></div> <div></div>   | <div><div>1. Assignment brief</div><div>2. content planning</div><div>3. recording and editing video</div><div>4. recording and editing audio</div><div>5. peer review/market research</div><div>6. assignment preparation</div></div> <div></div> | <div><div>1. Assignment brief</div><div>2. debating a topic with others</div><div>3. what makes a good team</div><div>4. working in pairs and groups</div><div>5. communicating in teams</div><div>6. assignment preparation</div></div> <div></div> |
| Year 11 Curriculum Planning – ICT  |  |  |  |  |  |   |
|  | Autumn Term 1  | Autumn Term 2  | Spring Term 1  | Spring Term 2  | Summer Term 1  | Summer Term 2   |
| <div><div><b>Weekly focus</b></div><div><i>Core Knowledge, Skills and Concepts</i></div></div> | <div>Researching a Topic</div> <div><div>1. Assignment brief</div><div>2. choosing a topic</div><div>3. research sources</div><div>4. identifying tasks to be completed</div><div>5. reviewing progress</div><div>6. presenting outcomes</div><div>7. assignment preparation</div></div> <div></div>   | <div>Website Design</div> <div><div>1. Assignment brief</div><div>2. web layout design</div><div>3. navigation</div><div>4.HTML tags</div><div>5. development tools</div><div>6. development tools</div><div>7. assignment preparation</div></div> <div></div> | <div>Developing Digital Information Using IT</div> <div><div>1. Assignment brief</div><div>2.multimedia design</div><div>3.storyboarding</div><div>4.tools and techniques</div><div>5. testing and reviewing content</div><div>6. assignment preparation</div></div> <div></div> | <div>Solving Technical IT problems</div> <div><div>1. Hardware and software</div><div>2. communicating with others</div><div>3. Installing and maintaining software</div><div>4. Problem solving</div></div> <div></div> | <div><i>Complete any outstanding tasks from previous units /Respond to feedback</i></div>  |   |