



### KS4 Digital Information Technology at Brookvale Groby Learning Campus

Course	BTEC Digital Information Technology Level 1/2
Introduction To Course	<p><b><u>Course Overview</u></b></p> <p>In this qualification you will develop important technical skills in data interpretation, data presentation and data protection. You will cover aspects of user interface (UI) design and development, and learn how to develop a project plan for your own UI designs. Cybercrime is an increasing threat – understanding the different types of threats and how to mitigate against them is vital to any business that uses and retains sensitive data. You will develop an understanding of what cyber security is. You will also learn about project-planning tools, models and techniques within a digital context. Digital projects today often involve working with diverse teams across different locations. You will develop an understanding of what a virtual work environment is and how cloud technologies allow remote teams to work together more effectively.</p> <p><b><u>Course Breakdown</u></b></p> <p><b>Component 1 :</b> Exploring User Interface Design Principles and Project Planning Techniques</p> <ul style="list-style-type: none"><li>- How to plan a project. Different types of interfaces. How to design a successful product.</li></ul> <p><b>Component 2 :</b> Collecting, Presenting and Interpreting Data</p> <ul style="list-style-type: none"><li>- Spreadsheets and Databases</li></ul> <p><b>Component 3 :</b> Effective Digital Working Practices</p> <ul style="list-style-type: none"><li>- Data security and protection. Legal &amp; ethical issues. Cloud technologies.</li></ul>
Who To Speak To	<p>Mr Ian King - Course Leader <a href="mailto:iking@brookvalegroby.com">iking@brookvalegroby.com</a></p> <p>Miss Jackson – Teacher of Computer Science and IT (<a href="mailto:ajackson2@brookvalegroby.com">ajackson2@brookvalegroby.com</a>)</p>



<b>Course Calendar</b>	<p>Please use the link below to see what you son/daughter/dependant will be studying in the weeks ahead:</p> <p>Year 10 link: <a href="#">Year 10 IT Student Calendar 2022-2023</a></p> <p>Year 11 link: <a href="#">Year 10 IT Student Calendar 2022-2023</a></p>
<b>Help &amp; Support</b>	<p>Extended Support sessions are offered at lunchtimes when coursework is being completed and when coursework is being redrafted</p> <p>Additional revision sessions are provided at lunchtimes leading up to the February exam slot.</p>
<b>Course Support Materials For Students/Parents</b>	<p>Knowledge Organisers in Google Classroom</p> <p><a href="#">Specification</a></p>
<b>Useful Links</b>	<p><a href="#">Exam Board Website</a></p> <p><a href="#">Knowitall Ninja (Year 11 revision)</a></p>
<b>Study Revision Guide Information</b>	<p>BTEC Tech Award Digital Information Technology Student Book - <a href="#">Pearson</a> / <a href="#">Amazon</a> - ISBN 9781292208374</p> <p>Revise BTEC Tech Award Digital Information Technology Revision Guide <a href="#">Pearson</a> / <a href="#">Amazon</a> - ISBN 9781292272740</p> <p>Revise BTEC Tech Award Digital Information Technology Practice Assessments Plus - <a href="#">Pearson</a> / <a href="#">Amazon</a> - ISBN 9781292307008</p>
<b>Exam Dates</b>	<p>The exam for Component 3 takes place in the first week of February in year 11</p> <p>There is a resit opportunity in mid-May of Year 11</p>