Preparing for Transition from Key Stage 4 to Key Stage 5

Subject	Qualification
Information Technology	**BTEC Level 3 Extended Diploma**

Recommended Reading materials

Brackets — This is a free to download web authoring package that can be used to create websites in HTML.
Download from: www.brackets.io

Visual Studio Express — This is a free version of visual studio which will be used extensively within your first year.
Download from:
www.visualstudio.com/free-developer-offers/

Recommended websites

App inventor — If you are not familiar with App Inventor then visit www.appinventor.org. This will be an important tool for your Human Computer Interaction unit, create a Gmail account and have a go!

YouTube — This is a fantastic resource and full of step by step guides for website building, programming and using Photoshop.

Click — This is a great resource for staying up-to-date with emerging technologies and news within the sector.
Click can be viewed through the BBC IPlayer

Preparation tasks

Photoshop

- Use a photo of you and your friends to swap your heads.
- Create a poster to advertise a movie.

Visual Studio

- Go to Microsoft Virtual Academy at www.mva.microsoft.com and search for "visual basic for absolute beginners"
- Complete the tutorials to gain an
- understanding of Visual Basic.

Recommended research

- Think about the computer or device you use everyday. Try to explain how data is moved around a computer and how all the internal components communicate with each other.
- When in your local town centre over the holidays take a closer look at the centre itself. How has online shopping shaped the towncentre over the last 5 years?
- Begin to think about your career path and what degrees or apprenticeships might appeal to you. Look into the skills you will need to further develop over your two years at college.

Recommended trips or visits this summer

The Museum of Science and Industry Manchester
The National Science and Media Museum Bradford

St John Rigby College