Course title: Information Technology [ICT]

Qualification: Cambridge National (equivalent to GCSE)
Qan Code: 603/7115/8

Level of course: This is suitable for pupils who display excellent ICT skills and have a good knowledge base of ICT systems. It is also suitable for pupils who have an interest in how systems are developing in terms of user experience. E.g., How mobile phone and car systems are designed and used etc.

Assessment Methods:
- One written examination – 50%
- 2 IT projects – These are assessed in class – 25% each

Course content:

Pupils will complete 2 controlled assessments and 1 exam. The controlled assessments will include; Manipulating spreadsheet models to form a solution. Pupils will create an Augmented Reality prototype.

Skills you need:
- **Be able to use MS Office efficiently**
- **Be able to problem solve using ICT.**
- **Be able to plan a product**
- **Be able to understand how ICT is used in a variety of areas and relate this to real life**

ICT is a course that will allow you to learn how to use computer systems and software. This is a life skill that is used in everyday life and the world of work. Most forms of employment require people to have efficient ICT skills to allow them to do their jobs successfully. This course will teach you how ICT can be used in real life situations and will give you the opportunity to create your own ICT systems. These skills can be used in all areas of life and will support you in further learning. You will study Augmented Reality and user interfaces which is a new and real focus in the current ICT industry. You will think about Audience and design in the use of a range of IT systems, including; Mobile phone design, touch screens, Navigation systems and you will look at how businesses are now using IT to demonstrate the use of their products.

Skills you will acquire:

- You will learn how to create ICT systems
- The advanced features and tools of MS Excel
- How to analyse and design user interfaces
- How to analyse and implement new technologies.

Progression routes and linked careers:

- System analyst
- Games development companies
- web design and development agencies
- Aerospace companies
- Manufacturing and engineering firms
- large technology companies
- finance and commerce companies
- local government and the Civil Service

Any questions see: Miss Downey (NDowney@levenshulmehigh.co.uk)