# Key Stage 4 Core Computing Curriculum Plan

**KS4 Curriculum Intent** -All students to have the opportunity to develop creativity, analytical and problem solving skills through the use of Information Technology, as well as understanding how technology supports everyday life and prepares students for the future as well as protecting students online

Students have the opportunity to choose IT and Computing at KS4. The courses we offer at this level are GCSE Computer Science, CNAT iMedia and BTEC DIT. If students do not choose this as an option students are able to develop their digital literacy, computational thinking skills and online safety through a range of different subjects across KS4 including; Maths, English and Drama, Science, MFL, Technology, Art, Music  PE and Social sciences. This is then supported and enriched through the schools PSHE program, which is delivered through form time activities, career links and character development days as evident in the table below.

- **Develop their capability, creativity and knowledge in computer science, digital media and information technology**
- **Develop and apply their analytic, problem-solving, design, and computational thinking skills**
- **Understand how changes in technology affect safety, including new ways to protect their online privacy and identity, and how to identify and report a range of concerns.**

**Year 10 LTP**

|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|---|---|---|---|---|---|
| **Unit covered** | **\*\*** <br><br> **Encounters with further education and employers** | **Sexting** <br><br> **Encounters with further education and employers** | **Online Grooming** <br><br> **Financial risks Online gambling and investment** | **Hate crime** <br><br> **Employer exposure- virtual work experience** | **Pornography Revenge porn Upskirting** <br><br> **Employers Exposure** | **\*\*** <br><br> **Employers Exposure** |

**Year 11 LTP**

|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|---|---|---|---|---|---|
| **Unit covered** | **\*\*** <br><br> **Employers Exposure** | **Sexual Harrassment Mindfulness** <br><br> **Employers Exposure** | **Risky behaviours online** <br><br> **Finance and Budgeting** | **Digital Footprint** | **\*\*** |  |