



# Wyedean

School and Sixth Form Centre

Aspire together, achieve together  
adfecere pariter, perfecere pariter

## The Applied Learning Area

### Information for prospective applicants for the position of Teacher of Computing

This is an exciting time to join the Applied Subjects Learning Area. The Applied Subjects Learning Area includes Computer Science, ICT, Business Studies, Media Studies, Design Technology, Economics, Hospitality, Food & Nutrition, Foundation Learning, Vocational Learning. Across the areas there are 14 teachers although within the ICT/Computer Science department there are three full time teachers.

Currently, the learning area is led by three members of staff:

#### ***Alison Buss – 1 i/c***

Leading strategy, teaching and learning and student outcomes.  
ICT, Computer Science and Media lead for the Learning Area  
Computer Science and ICT teacher

#### ***Louisa Steel – 2 i/c***

Leading assessment for learning, student behaviour and progress.  
Business, Vocational Learning, Economics lead for the Learning Area  
Business and Economics teacher

#### ***Jodie Coggins – 3 i/c***

Leading on teaching and learning development- improving the quality of classroom practice  
personalisation and inclusion  
DT lead for the Learning Area  
DT teacher

#### **Curriculum**

At KS3 we deliver a Computing curriculum. This programme of study aims to develop student understanding and skills in a number programming languages including HTML/CSS, Python and Scratch. Students are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming and of course cyber security skills.

Computer Science is an option at KS4. We have approximately 60 students in year 10 and ~~year~~ 11. It is offered in 2 option blocks and is becoming a very popular choice for Wyedean students. We currently deliver the OCR GCSE Computer Science specification. BTEC Digital Information Technology is an option at KS4. We have approximately 30 students in Year 10 and 11. Students enjoy the controlled assessment element of the course and results are good.

At KS5 we offer BTEC Computing and BTEC IT. We have approximately 50 students studying these courses. They are offered in 2 option blocks and is a very popular choice for both Wyedean students and for those selecting Wyedean from other secondary schools.

Results at KS4 and KS5 continue to be good.

### **Team**

The department comprises of a team of four members of staff. They are:

Alison Buss  
Emma Hemsley  
Kevin Reynolds  
Mathew Pilling

### **Resources**

We have two full time network technicians and one full time network manager who manage our network independently. There are six computer rooms as well as a number of research bays available for student use. Each member of staff is provided with a laptop for school use.

We run Windows 11 with Office 2016 and Microsoft Office 365 on all workstations. The software/hardware we have includes:

- Adobe Design Premium CS5.5
- Adobe Premier Elements
- Microsoft Project Manager
- Lego Mindstorms
- Python
- Greenfoot
- MonkeyX
- Visual Studio
- Scratch
- 60 Raspberry Pi computers
- Micro:Bits
- VR kit
- IoT kits
- Robotic kits

### **Responsibilities**

As an IT teacher within a very successful and established team your responsibilities would include:-

- Teaching Computing to KS3 students
  - Teaching OCR Computer Science & BTEC DIT to KS4 students
  - Teaching BTEC Computing AAQ to KS5 students.
  - Use of Microsoft Teams to plan, deliver and assess student work at all key stages
  - Running and assessing controlled assessment activities at KS4
  - Delivering and assessing coursework and examined units at KS5
  - Writing reports on students' progress and attainment
  - Attending parent consultation meetings
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