**Computer Science and ICT**

**Department information for candidates**

We are very pleased that you are thinking about applying for a post with us. The following is some general information about the department. If you would like any further information, please contact Shaun Rogers, Head of Department srogers@plymstockschool.org.uk

We are passionate about making Computing and ICT learning fun and promoting the fact that digital literacy and Computing skills enable our students to take their place in today's increasingly technologically dependent society. Computing skills and knowledge are a real future asset in many areas such as business, engineering, marketing and of course, the technology industry.

**Curriculum organisation**

Students have an hour per week during Key Stage 3 where they carry out a range of computing and ICT tasks that provide them with the base line skills and knowledge to make both an informed choice about further study and to provide them with a minimum skill set if they choose not to continue with Computer Science or ICT at KS4 and 5.

At KS4 students have the option to undertake either the Cambridge National in Creative iMedia or OCR 9-1 GCSE Computer Science. We have a strong uptake with two groups of both courses and have a proven track record of obtaining above national average for our results.

At KS5 we have OCR A Level Computer Science in both Year 12 and 13. Our uptake has been growing in recent years and we anticipate this to continue as we grow our KS4 uptake of Computer Science.

**Resources**

We are a well resourced department, with each teacher having their own ICT suite with 30 student PC’s. We use a range of software in the delivery of our courses and are making an increased use of the Google Apps for Education suite of tools.

Some highlights of the software we use are:

* MS Office Suite
* Mediator 9
* Serif Web Plus x8
* Python (including PyGame at KS5)
* Adobe Fireworks
* Adobe Flash
* Google Classroom