

## **Bow School of Math and Computing**

### **IT Department Mission Statement**

#### **We aim to**

1. Enable each pupil to develop their ability and knowledge to the full
2. Equip each pupil with the skills needed to use computer hardware and software effectively in ICT lessons and in other subjects
3. Create the necessary skills and awareness pupils need to use computers and other IT equipment in their everyday life
4. Provide the pupils with both the confidence and understanding to use computers in their future adult life
5. Help each pupil reach the highest level and gain the highest qualification of which they are capable.

#### **The ICT department curriculum**

Pupils receive ICT tuition in specialist ICT lessons as well as cross-curricular ICT within individual subjects. Learning takes place in a number of specialist IT suites. In this way, working with computers becomes an everyday experience and pupils become very confident using them.

#### **Year 7**

Year 7 pupils follow a completely re-designed curriculum where they build a portfolio of assignments by using presentation software, publishing software, spreadsheets, and data handling.

#### **Year 8**

Year 8 pupils follow a completely re-designed curriculum where they build on their knowledge from Year 7 and extend their portfolio of assignments by using spreadsheets, designing a website and using and evaluating games software

#### **Year 9**

Pupils follow a life skills curriculum which is based on the OCR National level 2, Unit 1 and additional projects to complete their KS3 experience.

#### **Year 10 and 11**

In Year 10 and 11 pupils follow either the new ICT GCSE by Edexcel or the OCR National, level 2. Both courses are designed to achieve 2 GCSE grades A-C.

#### **Staff:**

Mr Albrecht (Head of ICT and Business)

Mr Khales (lead teacher GCSE IT 2010)

Mr Sharma