Rush Common School Professional Practice Document ("PPD") for Computing

1) Introduction

1.1) In this policy as in all documents of Rush Common Academy Trust ("RCAT") any reference to Directors of Rush Common School or Trustees of Rush Common Academy Trust is a reference to The Board of Directors of Rush Common Academy Trust and any reference to the headteacher of Rush Common School is a reference to the Chief Executive Officer of RCAT.

1.2) This policy reflects the values and philosophy of Rush Common School in relation to the teaching and learning of **Computing (formerly ICT)** it sets out a framework within which teaching and non-teaching staff can operate, and gives guidance on planning, teaching and assessment.

1.3) This PPD should be read in conjunction with the scheme of work for Computing, which sets out specific teaching objectives for children in different classes and year groups.

2) Overall Aims for Computing:

At Rush Common School we aim:

- To commit Rush Common School to continuing professional staff development with training as appropriate in classroom delivery of Computing.
- To develop staff usage of ICT as a tool in the preparation, gathering and presentation of teaching materials as well as record-keeping and assessments where appropriate.
- To follow National Curriculum programmes of study, including all three elements: Computer science, Information Technology and Digital Literacy by developing a cross-curricular approach within classroom teaching.
- To ensure appropriate and equal access to ICT for all children regardless of age, gender, ethnicity or ability.
- To provide and ensure safeguards in relation to children's access to information across the Internet by linking through Research Machines filtering system which prevents access to inappropriate materials and implementing the E-Safety policy
- To provide and maintain high quality ICT tools to fulfill National Curriculum and requirements.
- To provide pupils with an educational basis of understanding in Computing and its uses as part of everyday life at present and in the future.
- To develop pupil's overall competency and confidence in Computing whilst promoting children's motivation and self-esteem.

3) Systems and Security

At Rush Common School our PPD is to provide a range of hardware and software to aid learning in all curriculum areas and to meet the needs of children growing up in a digital age.
Security of our systems within school is protected by means of recording all new and existing systems and software. Computers are also physically marked with permanent ink marker.

4) Planning and Teaching

4.1) Teachers should ensure that all pupils:
- are able to understand and apply the *fundamental principles and concepts of computer science*, including abstraction, logic, algorithms and data representation
- can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- are responsible, competent, confident and creative users of information and communication technology

4.2) Where possible, Computing is integrated into other curriculum areas rather than taught discretely.

5) Equal Opportunities

At Rush Common School we seek to ensure appropriate and equal access to ICT for all children regardless of age, gender, ethnicity or ability. We deem 'appropriate' to mean that which is educationally beneficial to our children. Access to certain areas of ICT will be deliberately restricted, especially in relation to the access of certain materials on the Internet.

6) Health and Safety

See policy on Health and Safety.

7) Special Needs

See policy on Special Needs.

8) Recording and Assessment

See policy on Assessment, Recording and Reporting.

9) Review of this PPD

The Senior Leadership Team reviews the PPD every 3 years. It may however review the PPD earlier, if required.

Approved by the Senior Leadership Team meeting on 27th June 2014

Signed…………………………………………………………		Headteacher

Review Date: June 2017