



## **Computing at Shears Green Junior School**

September 2022 - 23

It is an expectation that computing lessons are taught in line with the National Curriculum through an engaging and motivating scheme of work. Each year group has access to a progressive scheme of work on the Computing Google Drive and surveys will be sent to evaluate the activities and tasks. Teachers will differentiate the work according to their class' needs, and extend and challenge through questioning and open ended tasks.

A computing lesson, should be approximately an hour long, with 10 mins maximum of that spent on Reading Plus, if unable to complete within other areas of the timetable. Key vocabulary, which are displayed around the room, should be discussed and shared with the children and reflected on throughout the lesson.

Computing lessons can be taught within the computer suite, where there is enough computers for each student in a class of 32. However, lessons can be taught within the classroom either use of the devices around the school (Ipads, Geos, Laptops, Chromebooks), or as a practical or pencil and paper lesson. There are 30 devices for each year group. These can be timetabled to be used by any class within the school.

Teachers will use the children's responses to questions and tasks to conduct assessment for learning. Teacher's judgments are supported through an electronic portfolio of evidence, within each child's individual file, which provides examples of age-expected attainment. Children are also encouraged to both self and peer evaluate the work.

It is the aim that pupils will become confident, creative and evaluative users of information and communication technology, as well as able to solve problems through computational thinking. Access to use a wide range of devices and resources in a variety of different lessons is used to engage learners and widen their learning opportunities.

E-safety is a prominent feature of the scheme of work, and children should be confident knowing how to search safely as well as report any concerns. On a yearly basis, E-safety awareness training is provided for pupils, staff and parents in support of the ongoing work in lessons. Further details can be found in the E-safety policy.

Children have the chance to access learning programs (NESSY, TTRockstars and Reading Plus) at home, through their own devices. In accordance with equality for all both homework and computing club give further chances for children to use these resources.

To support staff's subject knowledge, questionnaires are sent out to understand staff's needs so that additional training can be considered.