# Sherard Primary School Long Term Plan for Computing

## 2018-2019

Scheme of work based on 'Rising Stars'.

E-safety is covered throughout Rising Stars and we will be following the Rising Stars Online Safety scheme. However, staff will be continually ensuring they are promoting e-safety with sessions, using Ofsted grade descriptors as guidance.

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | Ongoing computer skills throughout the year to ensure children to become digitally literate at a suitable level for future workplace. (This can link to other subjects e.g. English, Maths, Science, DT etc.) | Computing Skills |
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| | **Throughout the year the pupils will cover the following areas – Programming, Computational thinking, Creativity, Computer Networks, Communication and Productivity.** | | | | | | | |
| Year 1 | We are Treasure Hunters <br><br> We are Year 1 rule writers | We are TV chefs <br><br> We are kind and thoughtful | We are painters <br><br> We are responsible internet and device users | We are collectors <br><br> We are information protectors | IJam Level 1 Song writing using Garage Band app | IProgram-coding | - Continue to develop children's logging on skills from EYFS. <br> - Introduce Microsoft Word to develop typing skills, changing font, colour etc. | - Write simple ideas and make lists <br> - Use names for ICT components- e.g. mouse <br> - Record their own voice and that of others <br> - Use a simple art program |
| Year 2 | IJam Level 1 Song writing using Garage Band app | IProgram- coding | We are researchers <br><br> We are safe searchers | We are photographers | We are detectives <br><br> We are online behaviour experts | We are zoologists <br><br> We are game raters | - To continue developing the use of Year 1 skills on Microsoft word. To develop save and retrieve information skills, insert picture. <br> - Research on computers/iPad <br> - Photostory or Microsoft PPT to make simple slide shows. | - Understand the importance of ICT <br> - Recognise different ways of using ICT and decide which to use <br> - Take digital photos <br> - Use shape tools to draw <br> - Use the space bar <br> - Store documents into a folder and retrieve them <br> - Use clip art to add and resize a picture <br> - Use shortcuts to insert objects and delete them <br> - Make a simple slide show |
| Year 3 | We are programmers <br><br> We are Year 3 rule writers | We are opinion pollsters <br><br> We are digital friends | IJam Level 1 Song writing using Garage Band app | IProgram-coding | We are communicators <br><br> We are internet detectives | We are vloggers <br><br> We are avatar creators <br><br> We are vloggers <br><br> We are aware of our digital footprint | - Continue with Microsoft word, ppt presentation <br> - Introduce excel inputting data and making graphs <br> - Research on computers/iPads | - Recognise the importance of ICT in the real world <br> - Record using video and sound and amend what they have recorded <br> - Use ICT to organize and present their work <br> - Use a spell checker <br> - Fill in a data collection sheet <br> - Enter information to make a graph <br> - Create and position text, alter font and align text <br> - Change page layout <br> - Find and use stored information |

| Year | | | | | | | | |
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| Year 4 | We are meteorologists<br><br>We are Year 4 rule writers | We are toy designers<br><br>We are standing up to peer pressure | IJam Level 1 Song writing using Garage Band app | IProgram- coding | We are co-authors<br><br>We are respectful of digital rights and responsibilities | We are HTML editors<br><br>We are careful when talking to virtual friends | - Continue the use of Microsoft Word, ppt, excel<br>- Introduce Publisher<br>- Research on computers/iPads | - Search databases<br>- Recognise terms- e.g. cell, row, column<br>- Format text towards a specific purpose<br>- Use word count, bullets, numbering<br>- Present information using a range of software<br>- Use ICT across a range of subjects<br>- Order and organise text using a word processing program. |
| Year 5 | We are web developers<br><br>We are Year 5 rule writers | We are artists<br><br>We are responsible for our online actions | We are bloggers<br><br>We are content evaluators | We are architects<br><br>We are protecting our online reputation | IJam Level 1 Song writing using Garage Band app | IProgram- coding | - Consolidation of all programmes- Microsoft Word, Excel, Publisher, PPT<br>- Research on computers/iPad | - Analyse a range of information using ICT<br>- Capture sound, still and video images using a range of hardware<br>- Save documents and images into different formats for different purposes<br>- Organise a wide range of information using ICT and save it in appropriate ways |
| Year 6 | IJam Level 1 Song writing using Garage Band app | IProgram- coding | We are advertisers<br><br>We are safe social networkers | We are network technicians<br><br>We are respectful of others | We are travel writers<br><br>We are online safety problem solvers | We are publishers<br><br>We are safe gaming experts | - Consolidation of all programmes- Microsoft Word, Excel, Publisher, PPT<br>- Research on computers/iPad | - Use video chat in school<br>- Add, amend and combine different forms of information in different ways<br>- Use a range of concepts and ideas when presenting across different subjects<br>- Use and add menu options, including hyperlinks |