# All Saints CE Primary School and Nursery
## Medium Term Planning

Class teacher:  SS/SS Year group:2 Term: Summer 2 Subject: Computing- Data Handling  (How will you present your ideas?)

| Lesson | Learning Goal (L.G.) | Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science, Kapow French or Music, Purple Mash computing) | Key Vocabulary covered |
|---|---|---|---|
| 1 | | Online safety lesson | Algorithm, astronaut, data, digital, digital content, experiment, galaxy, insulation, interactive map, International Space Centre, International Space Station, interpret, laboratory, monitor, planet, satellite, sensor, space, temperature, thermometer, water reservoir |
| 2 | LG To understand how computers can help humans survive in space. SEN LG- see differentiated task. | Lesson 1: Homes in space SEN- to record their research by drawing pictures using the Activity: International Space Station map. | |
| 3 | LG To create a digital drawing of essential items for life in space. SEN LG- see differentiated task. | Lesson 2: Space bag SEN- to use the Activity: Space bag to practice drawing their ideas; may need reminding of the key units of measurement. | |
| 4 | LG To understand the role of sensors on the ISS. SEN LG- see differentiated task. | Lesson 3: Warmer, colder SEN- To use the Activity: Computer display and the Resource: Computer display example. | |
| 5 | LG To create an algorithm for growing a plant in space. SEN LG- see differentiated task. | Lesson 4: Experiments in space SEN- To use the Resource: What does a plant need? keep their algorithms simple by programming instructions that are followed every day rather than waiting for a specific input. | |
| 6 | LG To interpret data. SEN LG- see differentiated task. | Lesson 5: Goldilocks planets SEN- To use the Activity: Unknown planets cards to work from and should focus on the temperature field to see which planets might support life. | |