



## Subject One Page Profile

**Subject: Computing**

**Lead: Ryan Williams**

**Timetable** - What coverage does this subject have in the timetable?

Computing has a total of 6 planned lessons per unit and these lessons should be taught each half term. This could be once per week, doubled up some weeks to make sure that each unit is completed and there is an end product. There should not be over 2 weeks where ICT is not taught not all.

There are plenty of resources across the school for multiple classes to be using technology at the same time. For example, one year group could be doing a computing lesson in the computer room whilst another year group are using I pads for a Kahoot quiz and another year group are using laptops to create an art gallery on Sketchup. Therefore, computing should be completed each week.

**Curriculum mapping** - How is curriculum coverage progressive for this subject throughout the school?

All the units are planned over each year and over the whole school. Each unit (6 units per year group) will contain 6 lessons which are already planned through SwitchedOn Computing. Each unit will have prior and future links between year groups as well as opportunities for cross curricular links. It is a spiralling curriculum of knowledge and skills (Including Online Safety).

During science and technology week each year there will be a plan put together for each year group/across the school to encourage interest in the computing subject and the importance of it for this young generation. This will include WOW days to fully immerse children in the topic.

Monthly, online safety information will be sent out to parents/guardians in the school newsletter. Also, whole school assemblies will be used to raise awareness of online safety.

**Planning** - What schemes are used?

SwitchedOn Rising Stars scheme. Booklet and online. All units and lesson plans are available online with all resources available to be printed. While adaptations can be made, it is understood that currently subject knowledge does not allow too much.

Teachers are not expected to produce separate lesson planning for lessons, but must be able to show adaptations to meet the needs of their class.

Each lesson within the unit will build up to the children having fully created something by the end of it, which will then become their WOW

**Meeting the needs of all children** - How is this subject differentiated?

Within the online scheme, there are differentiated options. Assumptions should not be made about standards based on assessments in English and Maths.

Children should also be given plenty of opportunities to use technology in all subjects as a cross curricular approach. Eg. Recording a weather presenting video for geography or creating powerpoints. This should also be evidenced in year group computing books and the evidence folder in the computer room.



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lesson as they will have chance to test what they have created and share it with others.

Teachers should use the scheme book as an aid on how to link online safety into lessons.

Children need to be encouraged to use technology at home to aid their learning. For example:

- Creating their own quiz on kahoot at home to be then used in class
- Rollama
- Scratch
- Homework: research, posters, powerpoints etc.

### **Assessment** - How are outcomes assessed?

Three children will be chosen to track throughout each unit and the assessed at the end of the unit.

Individual assessment of knowledge and skills will be recorded termly on the scheme's progression assessment sheets. This will be printed and placed in the assessment folder.

### **Evidence** - How do children demonstrate the knowledge and skills developed in this subject?

Evidence should be stored in each year groups computing book. There is a template on the shared area which each teacher can use and edit to show what they have taught each lesson with picture evidence. They should also add a section to explain what online safety aspect has been included in that lesson. This lesson type up should be printed twice: once for the year group computing book and the other for the evidence folder in the computer room.