

OUR LADY OF LOURDES CATHOLIC PRIMARY & NURSERY SCHOOL



School Subject Guidance for **Computing** (2021/22)

Subject Leader: Miss Naomi Powell

Vision and Mission

"We want our school to be a safe, secure and exciting place to learn and grow in Christ. A place where children, staff, families and governors work closely together to answer Christ's call."



Our Catholic School community works with a Christian purpose:

- To promote an enthusiasm for enjoyment of learning
- To provide a broad and well balanced curriculum
- To challenge children to reach their full potential
- To learn about God and his creation
- To answer Christ's call through our love for each other
- To foster in children independence and a sense of responsibility

"For you are precious in my eyes"
(Isaiah 43)

The overarching aim for Computing in school as defined by Switched on Computing by:

"Combining high-quality CPD videos and step-by-step teacher notes with creative and inspiring projects, Switched on Computing enables you to implement a complete computing curriculum from Early Years through to Year 6."

"A high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world."
Computing Programme of Study, DfE, 2013

Our school is covering all aspects of the computing programme of study whilst embedding a thorough e-safety curriculum throughout school.

Rising stars, Switched On Computing will help every teacher in school gain the confidence to teach computing with easy-to-access CPD.

The delivery of Computing follows a two-year rolling programme, which is taught as a discrete subject in all classes and is timetabled weekly. We use a thematic approach, which has been devised by Rising Stars to focus on all areas within computing, appropriate to age. This scheme is in line with the statutory changes for 2020.

The plans provide links to resources and lessons which are broken down into different topics. Within these topics they also provide guidance on assessment alongside curriculum links.

E-safety policies must be shared and explored before the start of the year. The children must sign a pupil use agreement which will cover being responsible online and who to go to if they need to report any issues or concerns.

Rising stars provides continuous opportunities to embed safety throughout the lessons being taught.

Planning Statement

All teachers should follow the rolling two year plan, giving them the topics for each term. All teachers must follow the Rising Stars, Switched On Computing format to create a **sequence of learning**.

Teachers should read the 'teachers notes' prior to each lesson, enabling them a good understanding of the strands that they are working towards and how best to deliver the lesson.

At the beginning of a topic teachers activate children's prior knowledge by drawing upon any information they can recall. They should record what children already know and any questions they would like to find out. This prior knowledge should be used as a baseline for their sequence of learning.



Switched on Computing is designed to be used as a source for ideas and guidance rather than having any element of prescription. You can adapt all that is here to suit your own school's context, to your curriculum and the enthusiasms and interests of your pupils and colleagues.

Timetable

Teachers plan for one weekly Computing lesson of **One hour** but there will also be many cross-curricular links with other subjects adding extra study time and opportunities to use different technologies.

Resources

A variety of resource documents are available to support teachers in their planning of Computing, including CD roms, and 'How to' guides on Rising Stars.



Assessment for Learning & Record Keeping

Teachers should refer to the 'Effective Assessment Policy' for further information.

What the children will learn should be clearly communicated to the class during each lesson as identified on teacher's plans.



Teachers **must** use floor books to evidence lessons and discussions and save work onto individual pupil files on the school shared drive.

At the end of a lesson, children should self-assess their work with the school traffic light system.

It is essential that teachers maintain a record of attainment against Key Learning, which is on-going throughout all lessons.

Termly assessments are to be completed and any gaps considered and worked upon during the following term to ensure that the children are reaching the end of year statements. This information is tracked by the Senior Leadership Team.



Written by: Miss Naomi Powell
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