Subject Area Computing

Believe-Achieve-Belong

Intent

"Do not others define who you are. Define yourself," Dr Shirley Ann Jackson.

The curriculum at St Michael and All Angels Catholic Primary School promotes curiosity and a love and thirst for learning. It is ambitious and empowers our children to Believe, Achieve and Belong.

At St Michael and All Angels Catholic Primary School, we are digital leaders!

Our intent is that for our children technology is central to living and participating in the modern world we live in. Through teaching Computing, we can equip children to fully engage in this rapidly changing world.
We believe that an engaging Computing curriculum will enable our pupils to use computational thinking and creativity which will impact on their own community and the wider world. They will become digitally literate – able to use, express themselves and develop ideas through information and communication technology confidently. They will develop their awareness of online safety and their understanding of how to use technology in a safe way. We will support them in developing into responsible and competent digital citizens.
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Implementation

At St Michael and All Angels Catholic Primary School, we use the Knowsley CLC (City Learning Centre) Computing Scheme of Work. This ensures that we fulfil the national curriculum for Computing in an active and creative way and develop key skills and knowledge.

In the Early Years it is the first opportunity to see how a child interacts with their environment and how the environment influences them. Staff follow the Early Years Foundation Stage (EYFS) Statutory Framework which aims to guide children, to make sense of their physical world and

their community by allowing them to explore, observe and find out about people, places, technology and the environment – this is the first step of becoming digitally literate.

Knowledge and skills are built upon in a progressive way as children move through KS1 and KS2. Teachers maintain strong links to the national curriculum guidelines to ensure all aspects, knowledge and skills of Geography are being taught across all year groups. Digital Literacy, Information Technology and Computer Science are focused on throughout Scheme of Work Units to ensure all aspects are covered in every year group.

Accessibility and Equal Opportunities

Please refer to the school's Equal Opportunities Policy, Accessibility Policy and Special Educational Needs Policy for further information.

All pupils have equal rights to access learning opportunities across the whole curriculum irrespective of ethnicity, religion, gender, disability or social circumstances. A wide variety of strategies can be used to ensure that teaching meets the needs of different groups of pupils. These include:

- Differentiating lessons (through use of resources, tasks, level of support, outcome);
- Using a range of teaching styles to match the range of learning styles represented in a typical class;
- Ensuring the classroom environment is safe and secure and accessible for all.

Impact	We use both formative and summative assessment information in Computing. Our curriculum has key objectives and we have set out our expectations around these.

We assess pupils' depth of understanding frequently and use this to forecast as to whether pupils are on track to meet our curriculum expectations. This process provides an accurate and comprehensive understanding of the quality of education in Computing.

Monitoring

The Subject Leader will monitor progress according to the monitoring timetable. Subject leaders are expected to monitor in the following way over the course of the academic year:
- Learning Walks;
- Co-coaching; |

- **Pupil Voice;**
- **Book scrutiny including learning logs;**
- **Planning scrutiny;**
- **Lesson drop ins**

Adequate notice should be given and provide a clear focus for any activity that is due to be undertaken. The outcomes of any monitoring activity is feedback to the SLT and staff through the relevant meetings.
Progress should be clear over the course of each topic.

Impact
We believe that our children will:
- **be prepared for the rapidly developing and ever-changing technological world**
- **develop knowledge and understanding of computing skills in age -appropriate ways**
- **develop and extend skills on the four strand of computing: data, computer science, multimedia and digital literacy**
- **to develop their own computational thinking through making and developing their own algorithms/programs.**
- **use technology as a tool across the curriculum to support learning**
- **stay safe when accessing the online world.**

At St Michael and All Angels Catholic Primary School our children are digitally literate and can Believe-Achieve-Belong in the local and global world now and in the future as they move to KS 3 and through their life journey.