

COMPUTING NEWSLETTER

ST BEDE'S PRIMARY
SCHOOL



AUTUMN TERM

OUR AIMS

At St. Bede's, we aim to provide children with a high-quality computing education that equips pupils to use computational thinking and creativity to understand and change the world. The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming. Building on this knowledge and understanding, we aim to equip pupils to use information technology to create programs, systems and a range of content. Our computing curriculum aims to ensure that pupils become digitally literate where they are able to use, express themselves and develop their ideas through information and communication technology – at a level suitable for the future workplace and as active participants in a digital world.

OUR CURRICULUM THIS TERM

EYFS	How IT helps us	Programming
KS1	Computing systems and networks - IT around us	Creating media - Digital photography
LKS2	Computing systems and networks - The internet	Creating media- Audio production
UKS2	Computing systems and networks- Communication and collaboration	Creating media- Web page creation

WHAT HAS BEEN GOING ON?

In **Early Years**, children have had lots of fun programming bee-bots.



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WHAT HAS BEEN GOING ON?

In **Key Stage 1**, children have developed their understanding of what information technology (IT) is and have identified where they have seen IT in the world around us. They have investigated how IT improves our world and learnt about the importance of using IT responsibly.



In **Years 3 and 4**, children have learnt about how the internet is a network that needs to be kept secure. Children have explored the World Wide Web in order to learn about who owns content and what they can access, add and create. They have evaluated online content to decide how honest, accurate, or reliable it is, and importantly, understand the consequences of false information.



In **Years 5 and 6**, children have explored how data is transferred over the internet. They have looked at IP addressing and the make up and structure of data packets. Children have also looked at how the internet facilitates online communication and collaboration. Finally, but most importantly, they have learnt how to communicate responsibly by considering what should and should not be shared on the internet.



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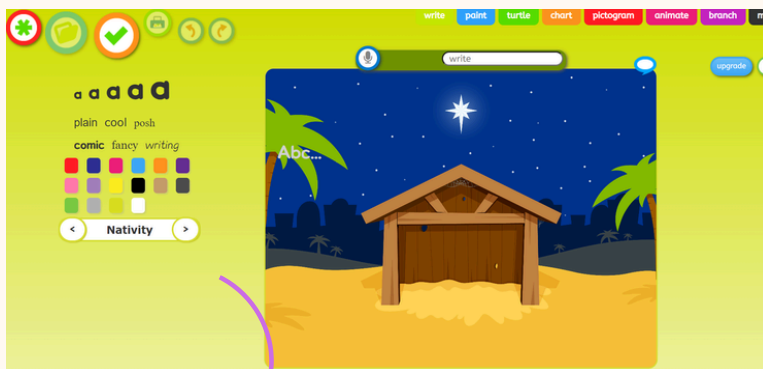


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PARENTS, CLICK HERE FOR
ONLINE ADVICE FROM THE
UK SAFER INTERNET
CENTRE.



J2E IS A WONDERFUL ACTIVITY AIMED AT OUR YOUNGER
CHILDREN IN EARLY YEARS AND KS1. THEY CAN HAVE
FUN USING THE PAINT, WRITE AND ANIMATE TOOLS TO
CREATE SOME CHRISTMAS THEMED PROJECTS.



'DANCE MAT TYPING' IS A GREAT GAME FOR
OUR KS2 PUPILS TO PLAY AT HOME TO HELP
THEM DEVELOP THEIR TYPING SKILLS.

