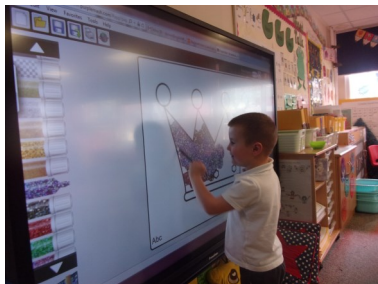


## Purple Mash

Purple Mash is a great tool which enables children to apply the skills they have been learning in Computing. In Key Stage One, each child is given their own login and activities they complete can either be printed or saved securely online. Children in Foundation Stage also have access to Purple Mash with support from their class teacher.



## ICT Mark

At Royd we are proud to have achieved the credited mark in ICT teaching and learning. We were awarded this credit in January 2017.

As part of this award we showed...  
'the education of the pupils is equipping them for life in a connected, technology-rich world.'

## Online Safety

Part of the children's learning about computing is understanding and following online safety. This plays an important part of our teaching. At Royd, we educate our children to be aware of the benefits and risks of using new technology, teaching them how to be safe online, thus enabling the pupils to control their online experiences.

Online safety is discussed during the children's lessons. As well as this, online safety has a focus during our annual safety week. The children are visited by Sue Finnigan to discuss safety online. Parents / Carers are also welcomed to sessions lead by Sue where they can learn more about keeping their child safe when using technology.

If you have any questions regarding online safety, please do not hesitate to speak to your child's class teacher or contact:

**Mr Sly and Miss Brown**  
**Computing Curriculum Team**



**Royd Nursery**  
**Infant School**

## Computing

**An Information**  
**Booklet for Parents**  
**and Carers**



Learning, caring and sharing together



# The Foundation Stage

In the Foundation Stage we teach Computing and Technology in a way that allows children exploration time to engage with their new resources. The children are taught key skills in small groups and then go on to access this provision during their independent learning time, where they are able to apply the skills they have learnt.

The children are taught that technology can be used for a range of different purposes both at school and at home.

They will have fun learning different skills such as taking photographs with digital cameras and using microphones to record sounds and voices.



# Key Stage One

In Key Stage One the children will learn how to:

- Use simple algorithms and how they can be used in programs; how to create their own algorithms using precise instructions; use logical reasoning to predict behaviour of simple programs.
- Complete simple tasks on the computer and save these independently into their own digital folder.
- Recognise common uses of different types of technology both inside and outside of school.
- Place objects/pictures in a simple table.
- Understand the rules around online safety and how to keep safe online, communicating safely and respecting other people's feelings online.

Children also learn fantastic animation skills as they make their own film using animation software AnimateIt.

# Useful Terms

## Algorithms

An algorithm is a sequence of instructions to get something done e.g. a recipe is a set of instructions. We use the algorithms to help the human understand the process, rather than for a computer to understand.

## Debug

The process of using trial and error to test out an algorithm a child has created. If there is a problem, the children will be able to fix this and this is known as debugging.

## Useful Links

**Please find below the following link:**

<https://www.purplemash.com/sch/royd>

Log-ins for Purple Mash are distributed in Autumn One and a Parent / Carers workshop on how to use this is offered. For any questions about the use of Purple Mash, including lost log-ins, please do not hesitate contacting your child's class teacher for support.