Why is it important to teach Computing?

At North Road, Computing is an integral part of pupils learning. All pupils, from Early Years through to the end of Key Stage 2, are taught the skills to use a range of technology safely and confidently within our fast changing world. We teach all pupils how to stay safe when online and how to use apps and web sites correctly and with proper regard for other users.

What does Computing look like at North Road?

Developing confident and competent computer literate pupils is important at North Road Primary School. Computer based research and Internet safety is embedded within our curriculum to help children develop their subject knowledge in a safe and supportive manner.

Laptops, iPads and other digital equipment, including Beebots and digital cameras, are used across all classes to support and extend curriculum learning, for example links are made between programming and Mathematics and collecting and recording data digitally in Science.

All pupils have a designated weekly computing lesson using the Switched On Computing Curriculum, supplemented with our own specially written units. Our curriculum is adapted and updated regularly inline with changes in technology. Useful information for parents and pupils is included on our website and we participate in national internet safety events.

As a school, we use the 360 degree safe Online Safety Self-Review tool to ensure our online provision remains comprehensive and up-to-date.

What our children say....

"I like using iPads to program. I like creating different backgrounds with different animal sprites and making them move."

"Computing helps me learn things I can't do at home."

"In history, we created PowerPoints which made our learning really fun."

"I like making animations with moving pictures."

"It was really cool using iPads to take pictures of winter scenes."

"TTRockstars makes learning fun and it makes you get better at your timetables. It makes you want to learn them and keep practising."

"Using the Beebots helped me with my left and right."

Events and learning opportunities

- Annual National Internet Safety Day
- National Online Bullying Awareness Day
- Hector's World (thinkyouknow.co.uk) online safety program
- Lunchtime TTRockstars club
- Visits from local Community Policing Team (online safety awareness)
- Domino Alliance Schools internet safety unit of work
- Cross-school programming enrichment sessions