

Coding, digital research, creating content ... I believe these skills are critical.

Katie Malins teaches girls from PPI (Reception) to L3 (Year 6) in her dedicated Computing & Coding Lab. In PPI the girls learn the foundations of coding through fun interactive activities. Using familiar toys, girls learn the importance of giving and receiving clear instructions with 'Mr Potato Head' being a keen favourite, as they sequence instructions to add an ear or remove a nose! They progress using BeeBot, a friendly floor robot and Scratch Junior- a visual block coding app. To develop their fine motor skills and improve mouse control they use our suite of iMacs to produce Digital Art in PPII & PPIII, using the work of famous artists as inspiration.

From applying computational thinking by recognising patterns and making predications to developing their own iMovies or collaborating on a presentation about the female Bletchley Park codebreakers; the girls become increasingly capable in the computing and digital arena.

Above all, the girls are all taught to be sharp, alert, secure, kind and brave in the digital world, supported by the '*Be Internet Legends*' Google resources. Katie Malins tests their ability to engage critically in digital research, evaluate sources and question authenticity with exercises evaluating websites and exposing 'fake news' and both girls and parents are supported with digital safety courses.

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Katie Malins joined St Catherine's in 2012 and has been Form Teacher, English and Maths Co-Ordinator and is now Director of Digital Learning. Prior to this she worked at Bute House Preparatory School, London and the Chapin School, New York. She currently holds Google Educator Levels 1 & 2, Apple Teacher and Microsoft Innovative Educator certifications.

Image:

Our girls will be the big-data engineers, software analysts and app designers of the future.



St Catherine's Prep
BRAMLEY