



Loti Bot (IT10415)

Jodie Lopez, an education technology expert, shares her thoughts on Loti-Bot, the trusty robot that captivates young minds!



“Loti-Bot will find a place in any classroom and soon become a pupil favourite.”

Children love the look of Loti-Bot, from the flashy side lights to the friendly eyes.

Loti-Bot can be used with all ages - with younger children you may do some shared coding via the app with more teacher input, and older children will find ways to create more complex code with increasing independence. Loti-Bot has an accompanying app which uses block-based coding (similar to Scratch Jr) which many children may already be familiar with. These simple code blocks introduce children to building algorithms and directing their Loti-Bot which has a range of features: from basic directions (forwards, backwards, turning left and right by chosen degrees); to changing the side light colours; and also adding a pen to draw onto tables, paper or the floor (if yours is wipe clean!) Loti-Bot has a safety sensor too, which stops Loti-Bot from falling off tables or down any stairs.

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Having a physical output when programming, from seeing Loti follow directional instructions through to using Loti to draw things, can really bring coding to life for children and help them to relate this to real-world applications.

Students can start to consider the role of robots and robotics in the world around them, and the implications this may have for our society. Maybe Loti-Bot could take the register to the office - will that put one of the children out of a job?!

From simple ideas to bigger considerations such as delivery robots in cities and driverless cars, we have a few ideas on how to integrate Loti-Bot into your computing curriculum, and indeed across the wider curriculum.

Students embrace computational thinking, creativity, problem-solving, and collaboration when using Loti-Bot and are enthused to then think about how these applications can be useful to themselves and others in the real world.

With many thanks to Jodie Lopez.

Also see Jodie's complete pack of lesson plans for Loti Bot and read her blog, 'Embracing Learning and Fun with Loti-Bot' and enhance coding and cross-curricular skills with your pupils.