Computer Programming Apps

Busy Bundle 1 by Busythings Ltd (FREE)

Navigate the helicopter to rescue cows from the trees and place them in the matching baths. At later levels you will need to cage the monster first! Another great problem-solver from Busythings Ltd for very young children aged between 3 to 6.
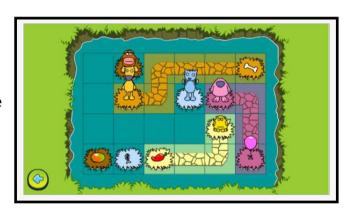
Path Puzzler by Busythings Ltd (£0.79)

Young children will love this app. Build paths to help the characters reach their island. The paths must not cross! Great for developing problem solving strategies in young learners. Good for following simple directions and describing positions. As with all Busythings apps Path Puzzler contains lots of fun animations and sound effects.
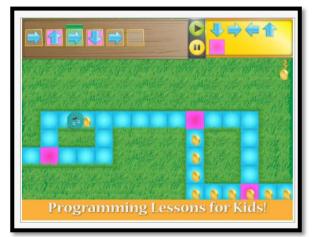
Kodable (FREE or School Subscription)

Kodable is an educational iPad game offering a kid-friendly introduction to programming concepts and problem solving. The fuzzFamily crashed their spaceship on Smeeborg and need your help to explore the planet's Technomazes. Use your finger to drag and drop instructions for your fuzzes to follow. Then hit Play to watch them roll through the maze with curiosity. BEWARE: Fuzzes are very LOGICAL and will follow every command exactly as you tell them! Get rewarded with stars, coins, and even EXTRA members of the fuzzFamily as you successfully complete mazes.
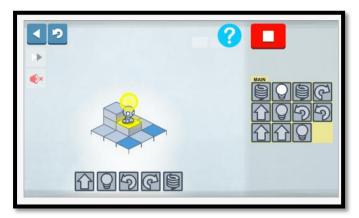
Lightbot Jr by Lightbot Inc (£1.99 / £0.99 VPP)
Lightbot Junior is specifically designed for primary age pupils and is an easier version of the popular Lightbot app, featuring a gentler learning curve and not-too-complex puzzles. You can play as Boybot or Girlbot as you solve puzzles that use game mechanics that are based on Computer Science ideas; Lightbot Junior lets players gain a practical understanding of basic concepts like writing instructions, debugging problems, simple procedures and loops, just by guiding a robot with commands to light up tiles and solve levels. Lightbot Junior features 42 levels. There are NO in-app purchases in Lightbot Junior.

A.L.E.X. by Awesome Apps.com (FREE)
A.L.E.X. is a fun puzzle game and a great way to train your brain. A.L.E.X. helps you think and plan logically as you program your robot A.L.E.X. with a sequence of commands to get through each level from start to finish.

Lego Mindstorms Fix The Factory by The Lego Group (FREE)
Meet EV3RSTORM, the cool LEGO MINDSTORMS robot who can walk, rotate, grab, shoot and put the misplaced battery packs at the NOGO factory back in their right place - if you tell him the right moves to do it! Help EV3RSTORM navigate the massive NOGO factory maze and put the dislocated batteries back in place to proceed to the next level. But watch out, it's not as easy as it seems. And you never know which challenges the floors inside the factory are going to present to you! Fix The Factory is an addictive puzzle game full of unexpected obstacles that are guaranteed to challenge your logic thinking, your spatial intelligence and your robot commanding skills.