Turtle

Designed for Creative Coding

Turtle Robot dramatically increases children's
interest and enthusiasm in learning software programming.
Designed as cute and child-friendly, Turtle Robot's unplugged coding function presents
students intriguing yet easy experience of learning basic coding technique without requiring PC.
Once familiar with basic coding, children can develop creative and strategic
thinking abilities by using various coding software such as
Scratch and Entry as well as to enjoy drawing sophisticated pictures,
by connecting Turtle Robot to desktop PC/Android App.

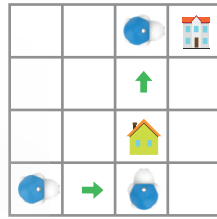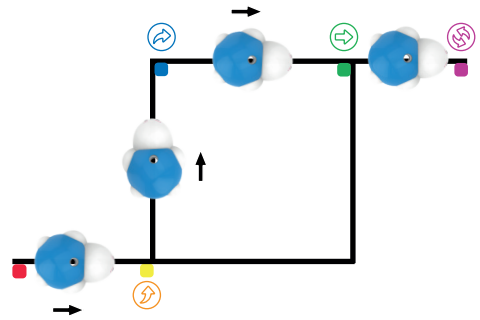|				
Color sensor	Stepping motor	Unplugged coding	Line tracing	PC/Android App
Full color LED	Rechargeable battery	Piezo speaker	3−axis acceleration sensor	Bluetooth BLE

Color card coding

Turtle Robot will find its way to the goal as coded by placing 24 different cards consecutively, each of which instructing different directions to Turtle Robot. This "path-finding" class can be utilized for various educational purposes.
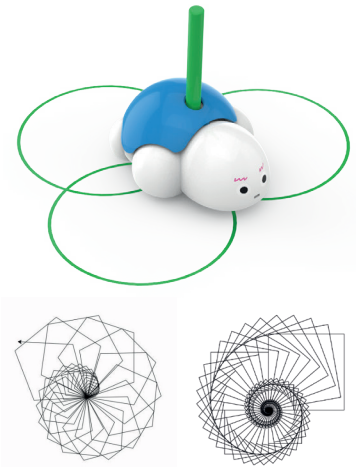
Color line coding

| Go Straight | Stop | Turn Right | Turn Left | U-turn |

Students can freely draw black-lines indicating paths for Turtle Robot to follow, then place the five color codes or paint colors with Color Pens at each intersection to code the movement sequence of Turtle Robot.
This "path-following" class is also useful for non-coding education purpose such as traffic safety class.

Drawing picture using Turtle Robot

Turtle Robot is designed to make sophisticated drawings using coding. Equipped with a stepping motor for higher accuracy in movement, Turtle Robot has been developed to minimize errors based on long-time studies and countless testing. Children will enjoy drawing fascinating pictures and geometrical figures by writing codes using Turtle Graphics Algorithm.

Need advanced coding study?

Students can learn Educational Programming Language (EPL) such as Scratch and Entry and various coding languages (e.g. C, Python)* by connecting to PCs via Bluetooth. Educational Applications are also available by connecting to smartphones/tablets. * To be supported

Scratch   Entry   Stack (Android APP)

Size: 75mm x 95mm x 50mm Weight: 100g Battery Life: One hour (on average)