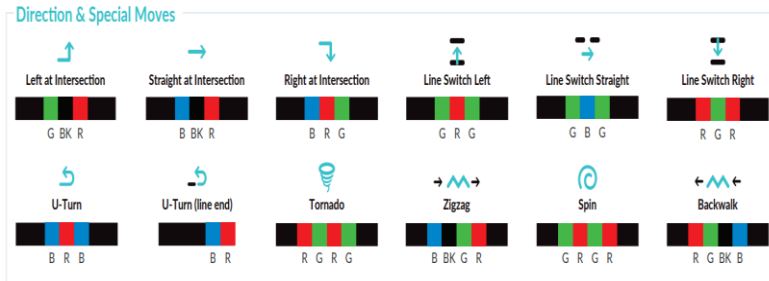# Computing – Ozobots (Algorithms)

Ozobots are little robots that are designed as an introduction to coding.

You can use color combinations (codes) to move the ozobot on a path from one location to another.

You can link the colour combination codes together to programme the ozobot to carry out a series of moves.

Color Codes | Chart

Speed

Short Super Slow	Slow	Cruise	Fast	Turbo	Nitro Boost
R G B	R BK R	G BK G	B BK B	B G B	B G R

Direction & Special Moves

Left at Intersection	Straight at Intersection	Right at Intersection	Line Switch Left	Line Switch Straight	Line Switch Right
G BK R	B BK R	B R G	G R G	G B G	R G R

U-Turn	U-Turn (line end)	Tornado	Zigzag	Spin	Backwalk
B R B	B R	R G R G	B BK G R	G R G R	R G BK B

Questions to think about
- Have I programmed the ozobot with the right code?
- What happens if I get the code wrong?
- How do I calibrate the ozobot?

Key Vocabulary
Ozobot
Codes
Calibrate
Algorithm
Sequence
Debug