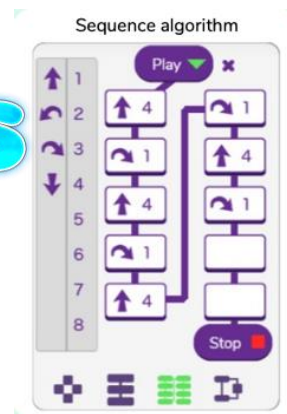


Route Planners Computing



National Curriculum

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Key Vocabulary

algorithm	degrees	repeat
angle	route	rotation
command	turtle object	sequence
Substantive- Subject Knowledge		Bigger Picture- Supporting Words

Intents	Pupil	Teacher
Can I create simple commands in 2Go to move the turtle along a route?		
Can I create commands in 2Go in which the turtle turns using rotation?		
Can I plan algorithms and write 2Go code that uses angles of turn?		
Can I use 90° and 45° angles in 2Go?		
Can I use the repeat algorithm and coding in 2Go?		