

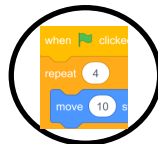
Year 3 - Programming: Scratch

WHAT I SHOULD ALREADY KNOW

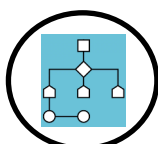
Use Scratch Junior Independently



Use programming blocks



Follow an algorithm



Able to sequence blocks



MAKING CONNECTIONS



You will be using

Scratch Junior

Scratch 2.0

Desktops



Extend your learning

Can you use blocks from three different colour groups?

Can you add sound to your Scratch program?

Can you control more than one sprite?



Don't forget



KEY VOCABULARY



Scratch—A programming language



Sprite—Images on a Scratch computer screen



Loop—Instruction which is repeated



Coding Blocks— Puzzle-piece shapes to create code in Scratch



Decomposition— Breaking down instructions into smaller parts



Debug—Remove mistakes



Algorithm— A set of rules created by a computer



Program—'Scratch' is a coding program



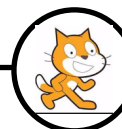
Duplicate—Copying something exactly the same



Coordinates— The area you place your item/sprite on the screen

KEY OBJECTIVES

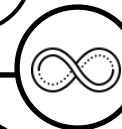
Explore Scratch



Use repetition in a program



Explain what a loop is



Program an animation



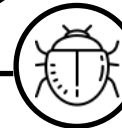
Program a story



I can choose appropriate blocks



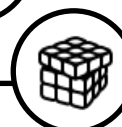
I can debug my own program



Program a game



Explain the purpose of an algorithm



Use an algorithm to code a program



Edit a program in Scratch

