

St Saviour's C of E Academy

Progression in Scratch

BLOCK	Year 2	Year 3	Year 4	Year 5	Year 6
motion	if on edge bounce	change x by change y by point in direction	go to x: y: point towards go to mouse-pointer •	turn C* 15 degrees turn C* 15 degrees go to random position glide secs to random positi	x position y position direction set x to
looks	say for secs think for secs	change size by 10 set size to 100 %	set color • effect by set color • effect to 0 show hide	next costume switch backdrop to clear graphic effects	go to layer
sound	start sound play sound until done stop all sounds	change volume by change effect by set effect to	set volume to %	volume	



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BLOCK	Year 2	Year 3	Year 4	Year 5	Year 6
events	when his sprite clicked when space key pressed			when backdrop switches to backdrop1 when loudness > 10	broadcast message1 broadcast message1 and wait when I receive message1
pen		pen up pen down set pen color to erase all	change pen color by 10 change pen size by 1 set pen size to 1	set pen brightness v to 50	set pen saturation v to 50
sensing		ask and wait answer	touching edge ? touching color ? touching mouse-pointer ? color is touching ? key pressed?	mouse x mouse y loudness timer reset timer	mouse down? backdrop # ▼ of Stage ▼ current year ▼ days since 2000



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BLOCK	Year 2	Year 3	Year 4	Year 5	Year 6
control	wait until	repeat forever stop all	repeat until	when I start as a clone create clone of myself delete this clone	if then if then else repeat 10
operator			+	and > 50 < 50	or
My Blocks				Video Sensing WeDo 2.0	