

Creative Coding With Scratch

Graffiti Artist



Getting Started

Select **Brick Wall 1** backdrop. Choose each letter in your name from the sprite library. You can decide which styles you like. Position them on the wall.

Challenge 1

Can you make each letter change colour when clicked?

Challenge 2

Can you make each letter get bigger and smaller when clicked?

Challenge 3

Can you add music to accompany the program?

Challenge 4

Can you add messages, sound effects or scoring to improve your game?

I can:

change the colour of sprites;
make a sprite grow and shrink;
add music;
make a sprite spin;
control a sprite in different ways.

Helpful Hints

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Each Creative Coding Challenge is an open-ended task, which can be approached in many different ways. Pupils should be encouraged to have a go and tackle these tasks independently. The following hints are not intended to provide complete solutions but may serve as useful cues for supporting less-confident coders.

To make a sprite change size:

when this sprite clicked

repeat 10

change size by 10

wait 0.25 secs

change size by -10



To make sprite change colour:

when this sprite clicked

repeat 5

change colour effect by 25

wait 0.5 secs

change colour effect by 25

wait 0.5 secs



To make a sprite spin:

when this sprite clicked

repeat 10

turn  36 degrees

wait 0.5 secs

