Creative Coding With Scratch

Busy City

Getting Started

Select Night City with Street backdrop. Choose Convertible 3, Jaime Walking and Helicopter from the sprite library. Reduce the size of each sprite and change the direct or position of each sprite as required.

Challenge 1
Can you make Jaime talk?

Challenge 2
Can you add a sound effect to each sprite?

Challenge 3
Can you make the sprites move at different speeds?

Challenge 4
Can you change Costumes to make Jaime look like he is walking? What other effects could you add to bring the city to life?

I can:
- change size and position of sprites; ☐
- make a sprite talk; ☐
- add sound effect; ☐
- make sprites move at different speeds; ☐
- use **Costumes** to improve the movement of a sprite. ☐

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 add a sound effect:

when	right arrow	key pressed

To make a sprite talk:

say	look out!	for 2 secs

To make sprites move at different speeds:

Jaime

when	right arrow	key pressed
move	10 steps	

car

when	right arrow	key pressed
move	20 steps	

helicopter

when	right arrow	key pressed
move	-50 steps	

To change costumes and make Jaime walk:

when	right arrow	key pressed

forever
    move 10 steps
    switch costumes to jaime walking-b
    wait 0.5 secs
    move 10 steps
    switch costumes to jaime walking-c
    wait 0.5 secs
    move 10 steps
    switch costumes to jaime walking-d
    wait0.5 secs
    move 10 steps
    switch costumes to jaime walking-e
    wait 0.5 secs

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