

2. Create an etch-a-sketch game

With thanks to [Simon Haughton's Blog](#)

- Set a colour for drawing with the pen.
- 'Tell' each arrow key which direction to move the pen.
- Change the colour of the pen.

Delete cat sprite. Create your own pointer or pen for etch-a-sketch game. Or find pencil sprite (under 'Things' in Sprite library)

New sprite: 

Now try this programming. What will each set of blocks do? Fill in the boxes.

```
when clicked
go to x: 0 y: 0
set pen color to red
set pen size to 1
pen down
clear
```

1.

```
when up arrow key pressed
point in direction 0
move 10 steps
```

2.

```
when down arrow key pressed
point in direction 180
move 10 steps
```

3.

```
when right arrow key pressed
point in direction 90
move 10 steps
```

4.

```
when left arrow key pressed
point in direction 270
move 10 steps
```

5.

```
when b key pressed
set pen color to blue
pen down
```

6.

Challenge

What else will you add to this programme to refine your etch-a-sketch game? More colour choices? Clear the screen?