## Lesson 1

The Cat and the Dog

Implementing: Motion (up, down, left, right)

Forever loop If statement Play a sound

## 1. The recipes

The Cat Recipe

```
when clicked

forever

if touching Sprite2 ?

say Meow
play sound meow
when left arrow key pressed
move -10 steps

when up arrow key pressed
change y by 10

when down arrow key pressed
change y by -10
```

## The Dog Recipe

```
when clicked

forever

point towards Sprite1

move 1 steps
```

## 2. The Steps

"Let's make the cat move up and down"

```
when right arrow key pressed
move 10 steps

when left arrow key pressed
move -10 steps

when up arrow key pressed
change y by 10

when down arrow key pressed
change y by -10
```

Start with the up, down, left and right motion for the Cat first.

"What chases a cat? Yes, a dog. Let's find a dog sprite." Click on "Chose new sprite from file"/"Animals"/"dog1-b".

