PYKIDS ED SCRATCH - LESSON 2

Lesson2 Plan

- Programming Concepts
 - Sounds
 - Control
 - More Events ...
 - More Actions ...

Sounds - Exercise 1

- Make the cat say "Meow"
 - Hint Use Event and Sound

Exercise 1-solution

■ Make the cat say "Meow"



Exercise 2 – Control (loops)

- Can you make the cat say "Meow" 10 times?
 - □ Hint use 'Control', 'Sound' and 'Event'

Exercise 2 – solution

- □ Can you make the cat say "Meow" 10 times?
 - Hint use 'Control', 'Sound' and 'Event'

```
when this sprite clicked

repeat 10

play sound meow v until done
```

Challenge – lets make the cat dance!

- Can you make the cat dance?
 - Hint: Move it back, Move it front, Play drums and Repeat!
 - Trigger on green flag
 - Add a message ...

Challenge - Solution!

```
when / clicked
   Watch me dance for 2 secs
repeat 10
  move 10 steps
  play drum 17 for 0.25 beats
  move (-10) steps
  play drum 47 for 0.25 beats
```

Extra Challenge!

- Change cat's color on pressing a key?
 - □ Hint: 'Looks' and 'Events'
- Change the backdrop

Extra Challenge! - solution



