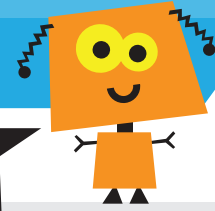


Scratch 2 to Scratch 3: Block Types & Extensions



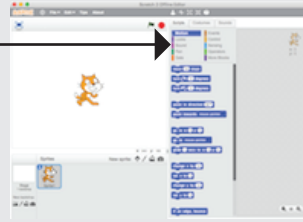
Scratch 3 has lots of great new features. But quite a few things have changed. Let's look at the block types.

Scratch 2

In Scratch 2 there were 10 block types.

Motion	Events
Looks	Control
Sound	Sensing
Pen	Operators
Data	More Blocks

They were all shown in the centre of the screen:



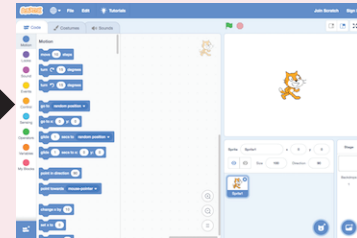
Scratch 2

Scratch 3

In Scratch 3 only 9 block types are shown.

- The **Pen** type is missing.
- The **Data** type is now called **Variables**.
- **More Blocks** is now called **My Blocks**.

They are now shown on the left of the screen:



Most blocks are now a slightly different colour. The events block type is now lighter than the control block type, so they are easy to mix up.

Don't just look for a block by colour. Think about what it does, that will help you find its type.

Block shape is also a clue to finding its type.



Most **event** blocks have a 'hat' or curved top.



Most **control** blocks are a 'C' shape.

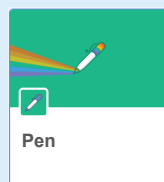
Scratch 3

Extensions - Extra Blocks!

You can use extra blocks in Scratch by adding something called an extension.



Click **Add Extension** (bottom left of screen), then choose which one you need.

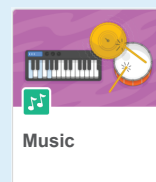


In Scratch 3 it looks like this:

Use the **Pen** extension to add Scratch 2 pen blocks like this:

set pen size to 1

set pen size to 1



In Scratch 3 it looks like this:

Use these extensions to add missing blocks like set pen size and play music notes.

Use the **Music** extension to add Scratch 2 note blocks like this:

play note 60 for 0.25 beats

play note 60 for 0.25 beats