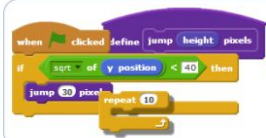# Scratch - Block Shapes

Codeclub Bentleigh

Source: https://en.scratch-wiki.info/wiki/Scratch_Wiki:Table_of_Contents/Block_Shapes

Scratch Wiki:Table of Contents/Block Shapes

TOC > Program > Blocks > **Shapes**

Hat Blocks

Stack Blocks

Boolean Blocks

C Blocks

Reporter Blocks

Cap Blocks

In total, there are
- seven Hat Blocks,
- five C Blocks,
- thirty-one Reporter Blocks,
- thirteen Boolean Blocks,
- two Cap Blocks and
- fifty-nine Stack Blocks.

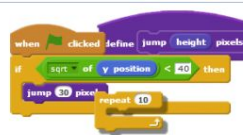There are 119 blocks in Scratch 3.0 (not including extensions)!

Control Blocks

Forever

Category	Control
Type	C,Cap Block

Event Blocks

when 🏳 clicked

when space ▾ key pressed

when this sprite clicked

when I receive message1 ▾

when backdrop switches to backdrop1 ▾

when loudness ▾ > 50

Control Blocks

when I start as a clone

More Blocks

define custom block
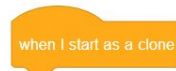
More info:
https://en.scratch-wiki.info/wiki/Hat_Block
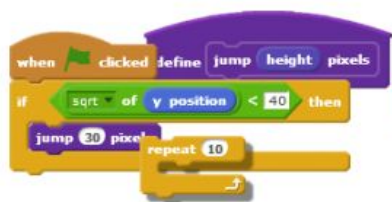
Control Blocks

wait `1` seconds

create clone of `myself ▼`

wait until ⬡

stop `all ▼`

Event Blocks

broadcast `message1 ▼`

broadcast `message1 ▼` and wait

Motion Blocks

move `10` steps
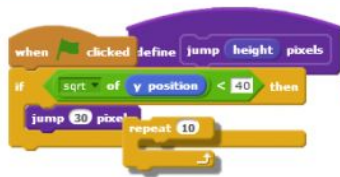
turn ↻ `15` degrees

point in direction `90 ▼`

point towards `▼`

go to x: `0` y: `0`
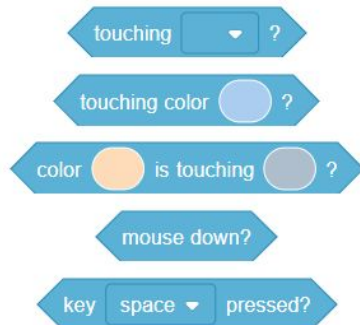
go to `mouse-pointer ▼`

glide `1` secs to x: `0` y: `0`

Scratch Wiki:Table of Contents/Boolean Blocks

TOC > Program > Blocks > Shapes > **Boolean**

Sensing Blocks

touching [▼] ?
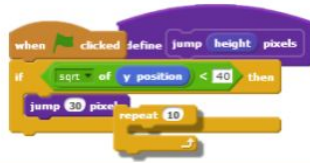
touching color ( ) ?

color ( ) is touching ( ) ?

mouse down?

key [space ▼] pressed?

Operators Blocks

( ) < ( )

( ) > ( )

( ) = ( )

not ( )

( ) and ( )

( ) or ( )

List Blocks

[list ▼] contains (thing) ?
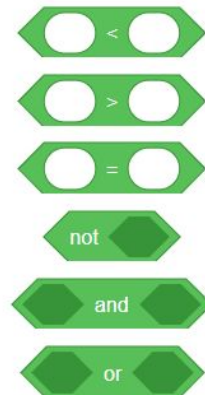
Control Blocks
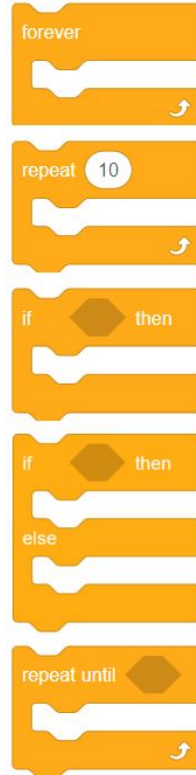
Scratch Wiki:Table of Contents/Reporter Blocks
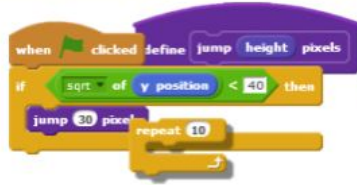
TOC > Program > Blocks > Shapes > **Reporter**

Motion Blocks

x position

y position

direction

Looks Blocks

costume #

backdrop name

size

backdrop #
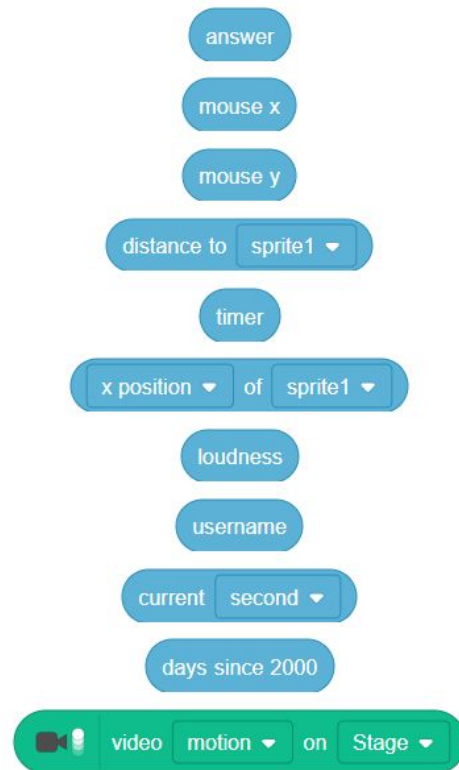
Sound Blocks

volume

tempo

More info:
https://en.scratch-wiki.info/wiki/Reporter_Block

Operators Blocks

( ) + ( )

( ) - ( )

( ) * ( )

( ) / ( )

pick random (1) to (10)

join (hello) (world)

letter (1) of (world)

length of (world)

( ) mod ( )

round ( )

sqrt ▾ of (9)

Sensing Blocks

answer

mouse x

mouse y

distance to (sprite1 ▾)

timer

x position ▾ of (sprite1 ▾)

loudness

username

current (second ▾)

days since 2000

video (motion ▾) on (Stage ▾)

Variables Blocks

variable

List Blocks

length of (list ▾)

Control Blocks

stop all ▼

delete this clone

Forever

forever

Category Control
Type C,Cap Block

Thanks