

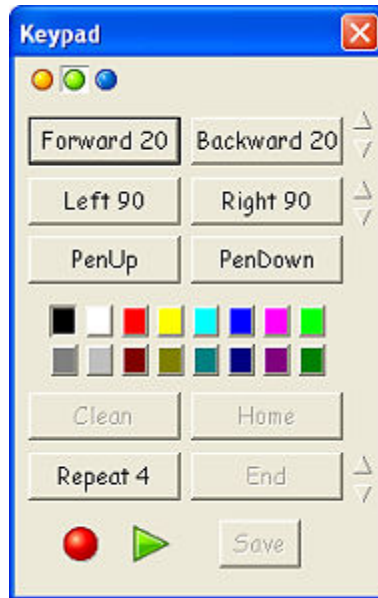
Softease Turtle is a very flexible **control** program which handles all aspects of turtle graphics. At the simplest level children are introduced to distances and angles and use easy on-screen buttons before moving on to recording sequences of movement which introduces them to simple programming.

There are three differentiated levels within the program to allow for progression. A **keypad** is available within each level to make programming the turtle more accessible for the children.

Yellow Level



Green Level



Blue Level



Using the same logo language that is used to control floor turtles, children can use the on-screen keypad or type commands straight onto the page.

To start

Open the Turtle toolbar.

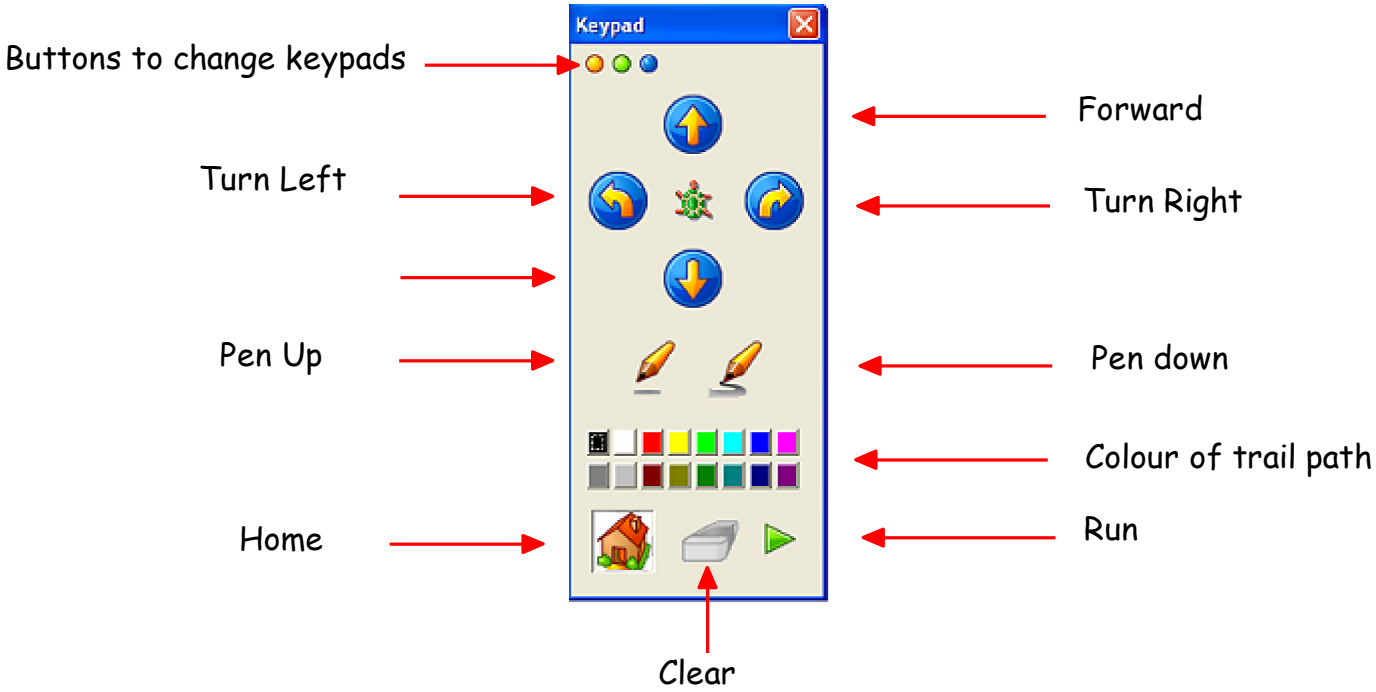
via Toolbars menu  or Toolbar control  at the top of the page

Add a Turtle to the page by clicking on the Turtle icon 

To control the Turtle on the page click on the keypad icon 

The Yellow keypad is the default

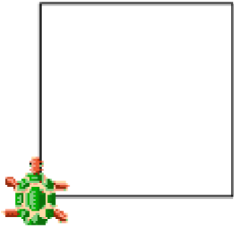
Understanding the Yellow Keypad



To draw a square:

- Forward
- Turn right (or left)
- Forward
- Turn right (or left)
- Forward
- Turn right (or left)
- Forward
- Turn right (or left)

- The Home button sends the turtle back to the beginning.
- The run button replays the path of the turtle
- The rubber clears the trail path of the turtle.



Understanding the Green Keypad


Select the **green** level on the keypad.

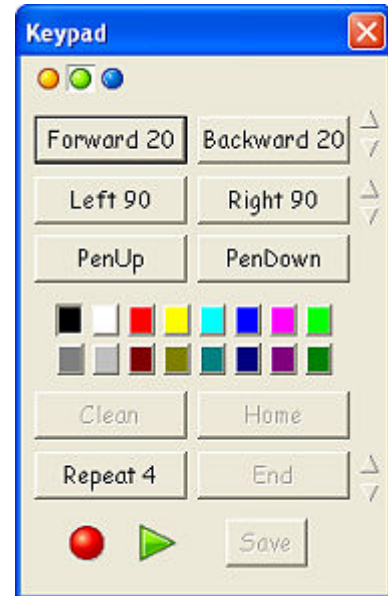
The picture buttons are now replaced with words on the buttons which introduce the logo language.

Two more commands have been added to the keypad:

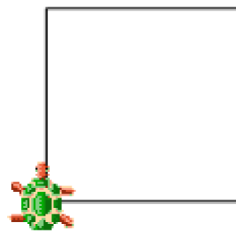
Repeat
End

The numbers following the commands represent the distance the turtle moves or the angle of turn

Use the arrows beside the buttons  to change the value.



To draw a square using the Green Keypad:



```
Repeat 4
Forward 20
Left 90
End
```

Understanding the Blue Keypad

The **blue** level keypad is very similar to the **green** level except that the logo commands have been replaced by the logo short cut commands.

E.g. Forward 20 is written as FD 20

