

Year 3 – Lesson 2 – Turtle Logo Challenge

You should try to complete Lesson 1 before starting on this lesson

Please go to the Turtle Logo website:

<https://turtleacademy.com/lessons/1>

PLEASE WRITE YOUR NAME	
<p>Task 1: Using the skills you learnt in lesson 1, use Turtle Logo to draw a shape or pattern and then write down the commands you used.</p> <p>Ask somebody else to type in the commands without telling them what the shape is. You could get somebody else in your family to try or you could send the commands to somebody else in your class.</p>	Did they get the shape right?
<p>Task 2: Let's learn 2 new commands Enter the following code:</p> <pre>clearscreen forward 200 right 90 penup forward 30 right 90 pendown forward 50 penup forward 50 pendown forward 50 penup forward 50 left 90 forward 30 left 90 pendown forward 200</pre>	Did you draw the following? 
<p>Task 3: Did you notice the 2 new commands we used? What are they?</p>	<p>We can ask the turtle to lift his pen off the drawing board using the command penup. Once the turtle lifts his pen, he will no longer draw a line as he walks.</p> <p>In order to continue drawing we should command the turtle to put the pen back down on the drawing board using the command pendown.</p>

<p>Task 4: Enter the following code:</p> <pre> clearscreen pendown forward 150 right 90 forward 150 right 90 forward 150 right 90 forward 150 right 90 penup forward 120 right 90 forward 25 pendown forward 30 penup forward 40 pendown forward 30 penup back 50 right 90 forward 20 pendown forward 30 penup right 90 forward 50 left 90 forward 10 pendown forward 20 left 90 forward 100 left 90 forward 20 </pre>	<p>Hopefully, if you entered the commands exactly as shown you will have drawn something HAPPY! Please can you draw the drawing on the screen below.</p>
<p>Task 5: Try the following new command</p> <pre> hideturtle </pre>	<p>What does the command do?</p> <p>How do you think we get the turtle back again?</p>

If you finish all 5 tasks, spend some time trying to create your own drawings. Use a piece of paper to write down the code and draw the shape/pattern next to it.

Answer to Task 5 - showturtle