Preparing for Turtle Logo: Command Abbreviations

Aim:

Understand what algorithms are and that programs execute by following precise and ambiguous instructions. Create and debug simple programs. Use logical reasoning to predict the behaviour of simple programs.

This unit prepares children for using Turtle Logo on screen, but links well to shape and direction in Maths.

I can use recognised language in an algorithm.

Success Criteria:

I can give clear accurate instructions.

I can give instructions in order.

I can write an algorithm.

I can check an algorithm.

I can use command abbreviations fd, rt, lt from Turtle Logo.

Key/New Words:

Forward, Backward, Left, Right, Move, Turn, Right 90, Left 90, fd, rt, lt.

Resources:

Lesson Pack.

Hall or space large enough for children to move around freely.

Cones or similar to mark points.

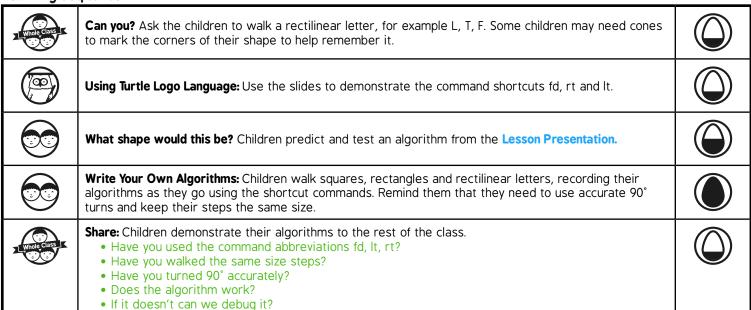
Small whiteboards and pens.

Preparation:

None needed.

Prior Learning:

Learning Sequence



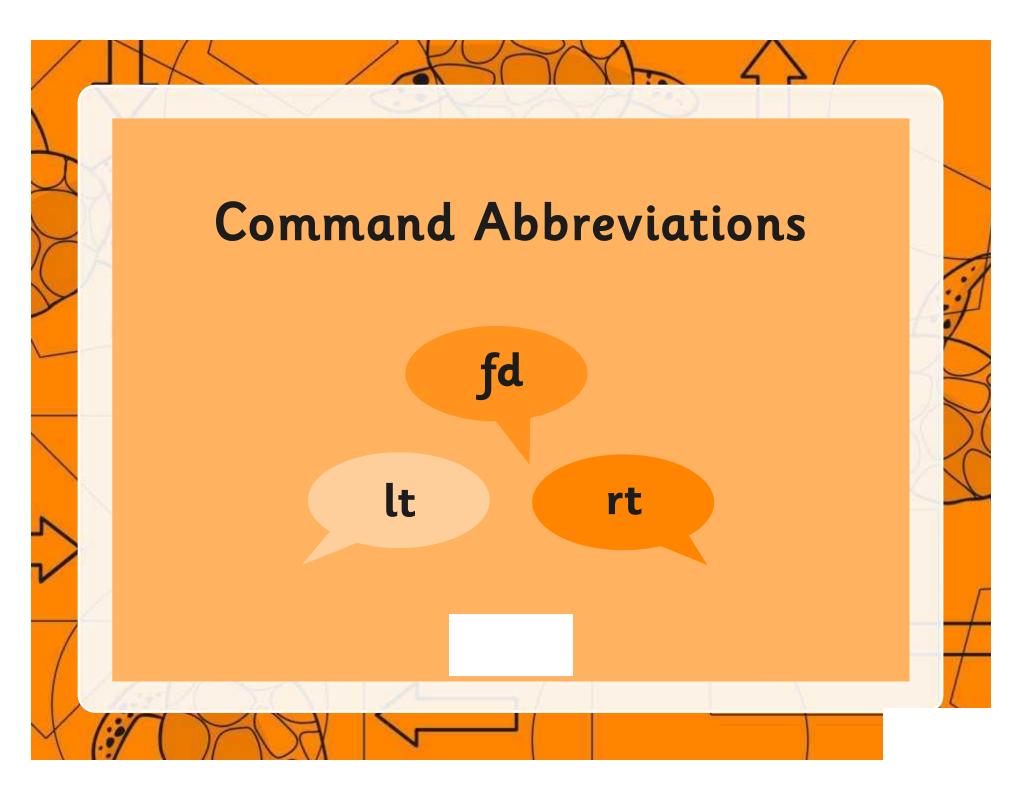
Taskit

Letterit: Children create algorithms for rectilinear letters and ask friends to text them. Debug any mistakes.

Challenge it: Use the Challenge Cards for extension activities.



Computing | Year 2 | Preparing for Turtle Logo | Command Abbreviations | Lesson 5

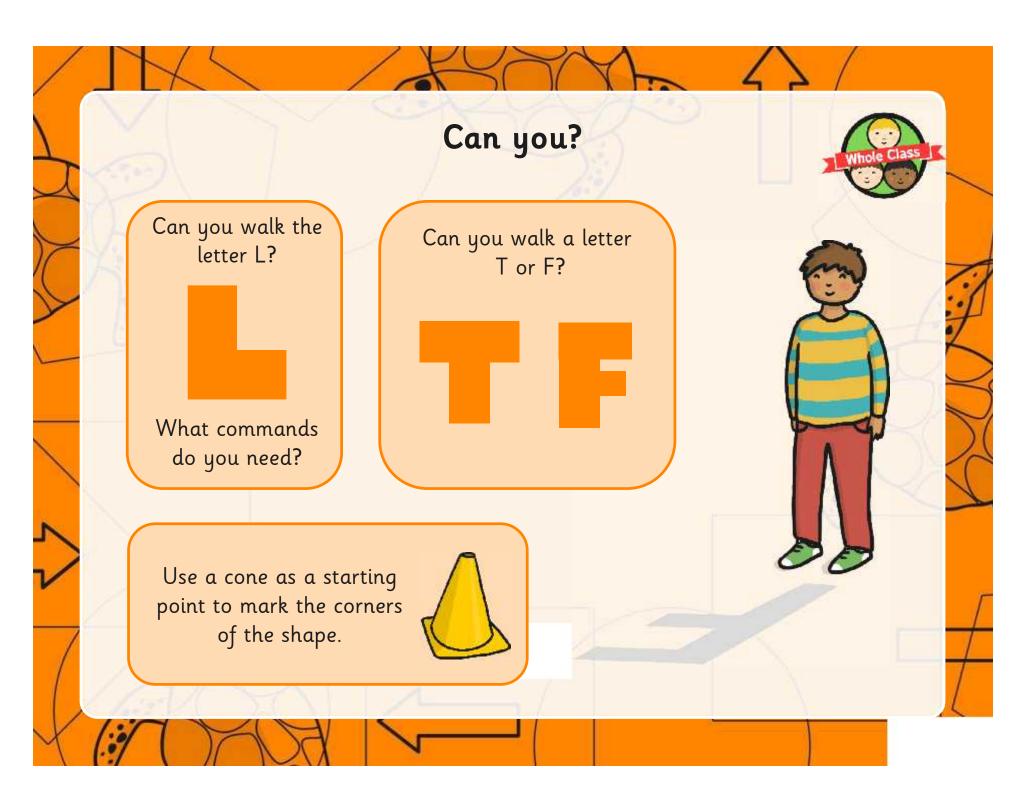


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Using Turtle Logo Language

It is important that we use language that is understood by whoever or whatever is following the instructions.

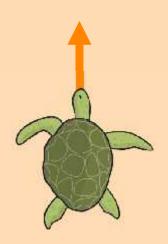




Sometimes commands can be abbreviated.

Moving Forward

We can shorten forward to fd Forward becomes fd 5



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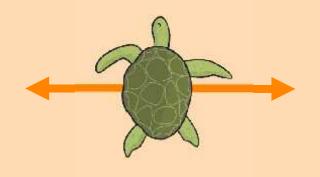


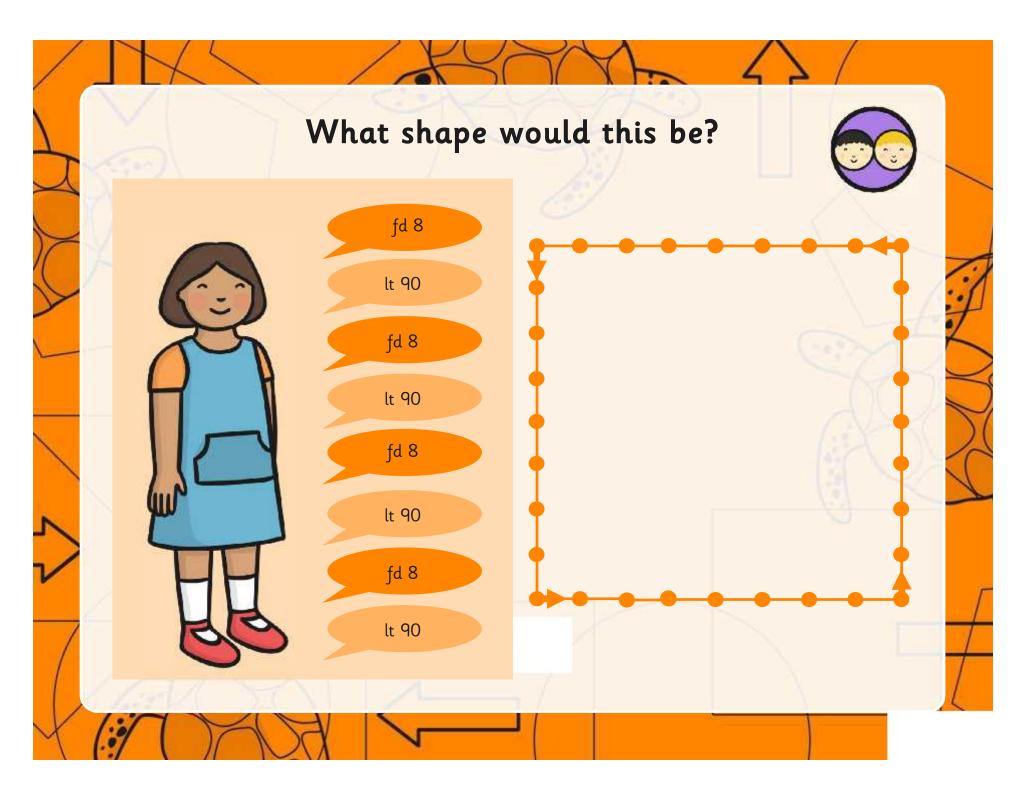
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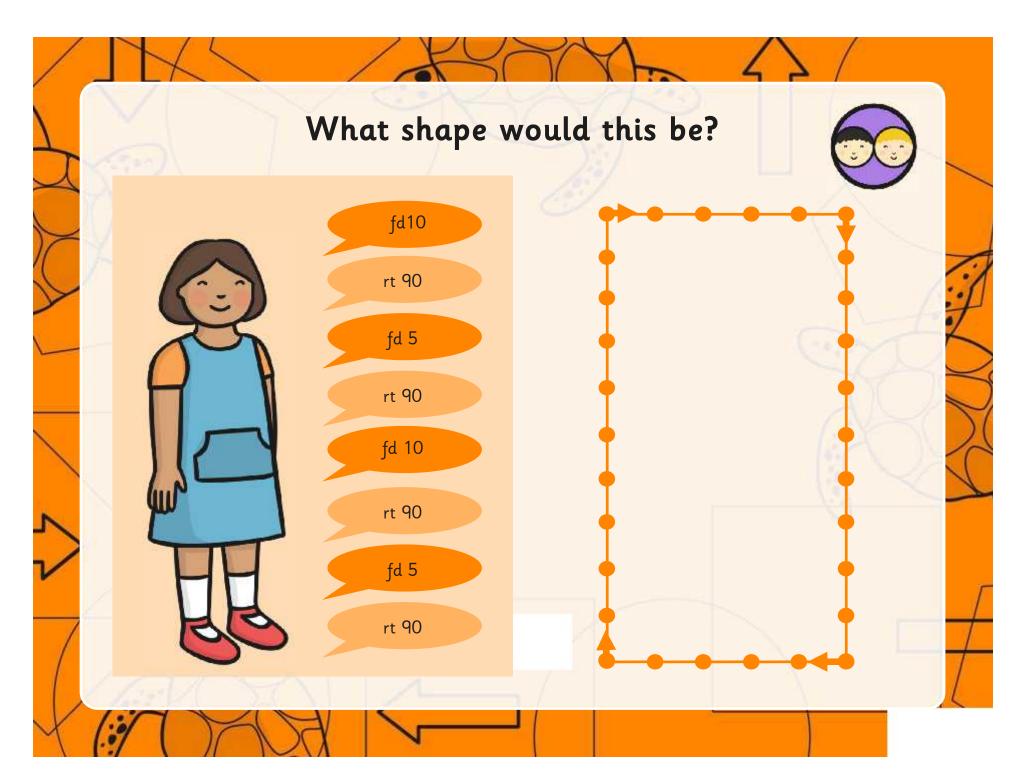
Turning

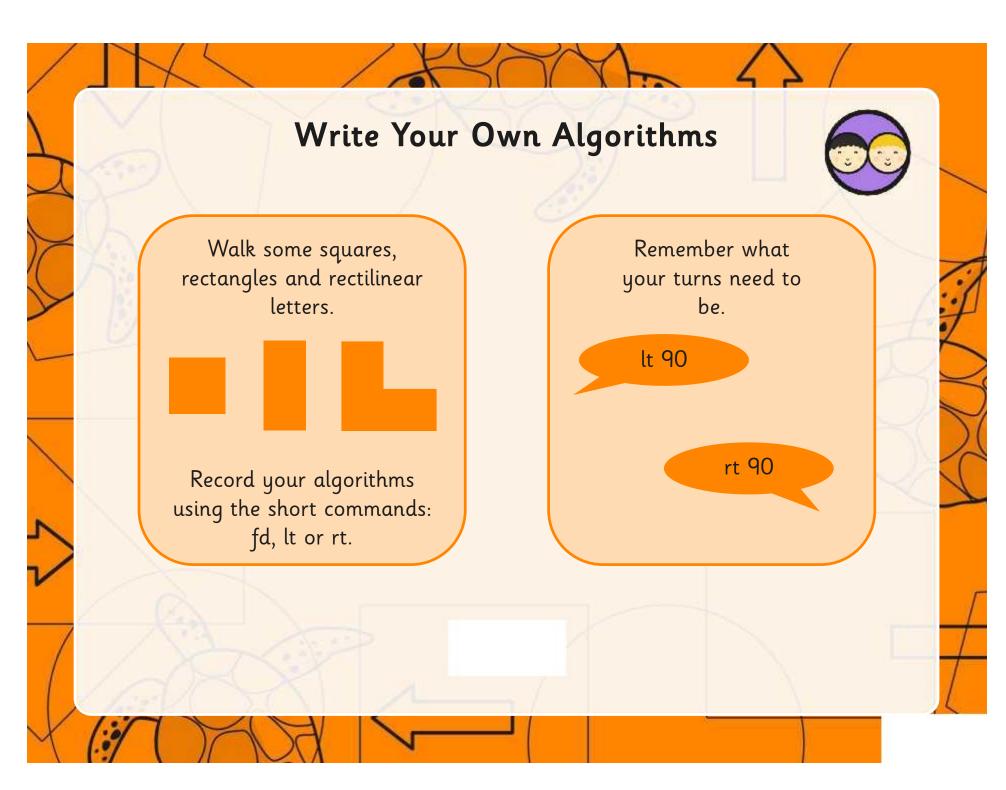
We can shorten left or right to lt or rt

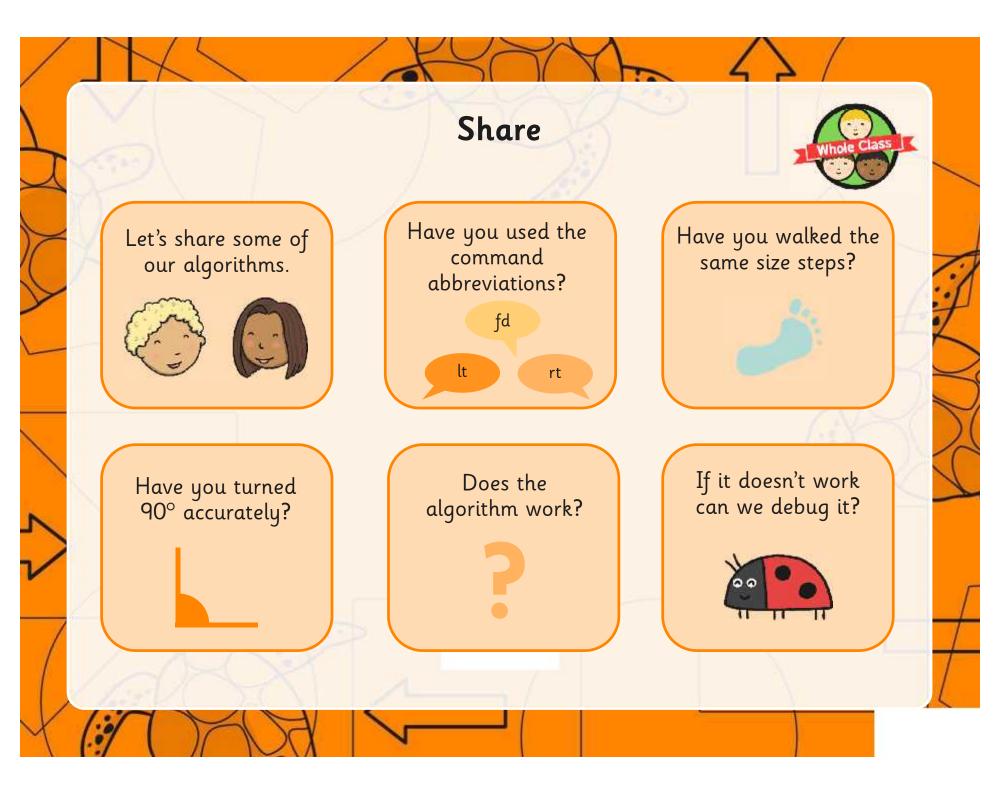
Left can be written as lt 90 Right can be written as rt 90











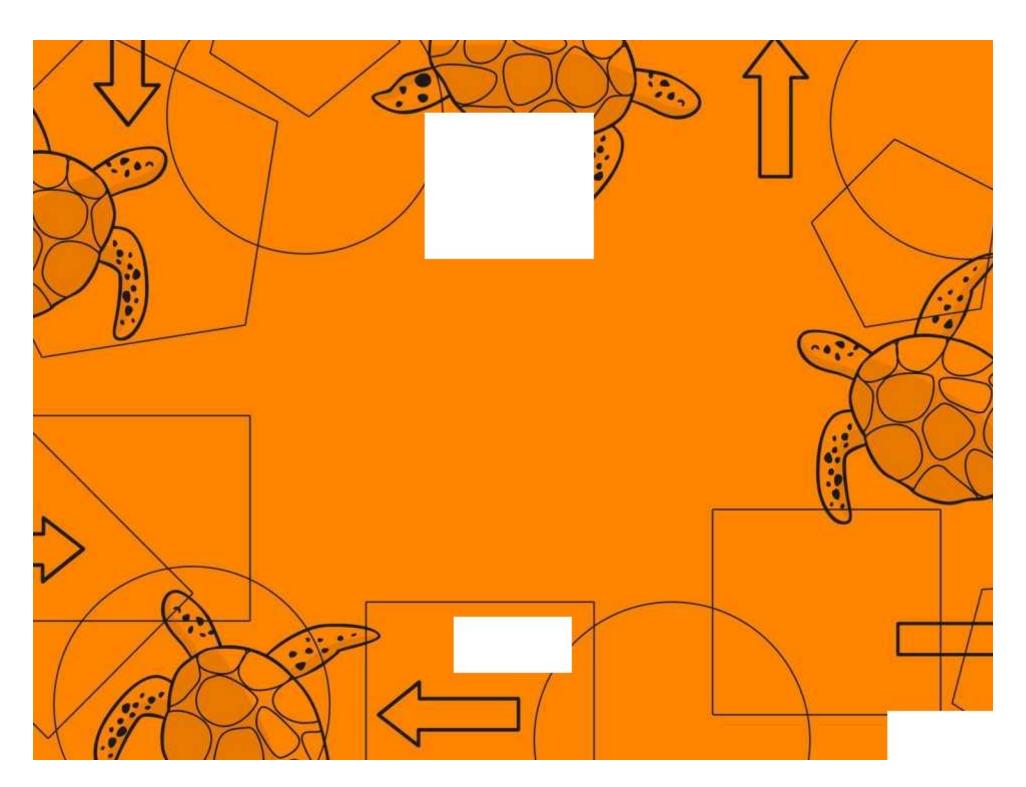
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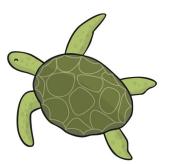
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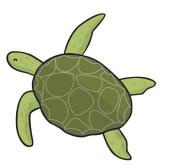
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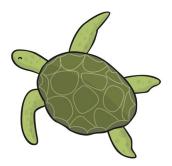
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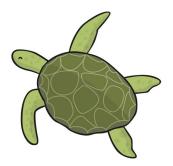
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Preparing for Turtle Logo

Command Abbreviations







I can use the short cut command fd.



I can use the shortcut commands it and lt.



I can use the short cut command fd.



I can use the shortcut commands rt and lt.



I can use the short cut command fd.



I can use the shortcut commands rt and lt.