

Year 2 Position and Direction: A Step-by-Step Guide for Parents

This step-by-step explanation to position and direction can help you support your child's learning at home. The subject is broken down into manageable chunks, providing you with a simple guide to follow when exploring position and direction together, either as part of homework or if you decide to give your child some extra support. Whether your child is only just beginning to explore position and direction, or they are gaining confidence in this area of maths and want to find out more, you will find a step that matches where your child is at then have ideas for where to go next.

Within **this area of the website**, you will find a selection of resources intended to help your child learn about each step of this guide. Each step also contains a keyword or phrase that you can use to search the Twinkl site for more resources and activities designed to support your child in achieving that stage. Simply type the keyword or phrase into the search bar and press enter to explore together.

Click here



We hope you find the information on our website and resources useful. The contents of this resource are for general, informational purposes only. This guide is intended to offer parents general guidance on what subject areas tend to be covered in their child's year group and where they could support their children at home. However, please be aware that every child is different and information can quickly become out of date. There are some subject areas that we have intentionally not covered due to the nature of how they are taught or because a trained professional needs to teach these areas. We try to ensure that the information in our resources is correct but every school teaches the national curriculum in its own way. If you would like further guidance or are unsure in any way, we recommend that you speak to your child's teacher or another suitably qualified professional.

Position and Direction

What Is Position and Direction?

Position in maths is the ability to describe where an object is in relation to another one. Direction involves describing how something moves, for example forwards, backwards or in a full or half turn.

In year 2, your child will learn how to order and arrange objects in patterns and sequences, describing their position in relation to each other. They will also continue to build on their knowledge of the language of position, direction and movement that they learnt in year 1. In maths lessons at school, they will be encouraged to describe movement in a straight line as well as rotation as a turn and in terms of right angles, for example a quarter turn is one right angle (90 degrees), a half turn is two right angles (180 degrees) and a three-quarter turn is three right angles (270 degrees).

In addition, they will be introduced to the words clockwise (turning in the direction of the hands of a clock) as well as anticlockwise (turning in the opposite direction of the hands of a clock).

You can use the resources in this category and the keyword searches to help your child with position and direction. A few additional ideas for activities to help your child make progress in this area of maths are described below.

Treasure Maps

Download this free **Treasure Map Template** and encourage your child to place the different objects on the map. Can they describe a route to get to the treasure using directional language (e.g. left, right, quarter turn, half turn, clockwise, anticlockwise)?

Taking Turns

Use one of your child's toys like a toy car or teddy bear. Discuss how a quarter turn is a turn or rotation of one right angle, or 90 degrees, and a half turn is a turn or rotation of two right angles, or 180 degrees. Move the toy to demonstrate how different turns affect the position of an object.

Giving Directions

Plan a trip to the local shops or leisure centre by foot. Ask your child to describe the route from your house so that you can get to your destination. Can they use the terms left, right, straight ahead, clockwise and anticlockwise?

Get Physical

Ask your child to perform simple movements to demonstrate their understanding of position and direction. Instructions could include: slide to the right, jump to the left, reach above your head, take two steps backwards, make a half turn, make a three-quarter turn, etc.



Step 1

Patterns and Sequences

Explore patterns and sequences together using objects in the home with a range of different activities, including threading beads and using building blocks to help you. Why not challenge your child to complete these bead threading patterns?



Describing Position

Encourage your child to think about the language of position using these flashcards. Each card contains a key word such as around, behind, inside and outside as well as featuring an illustration to aid understanding. Use them with your child to reinforce key vocabulary and spelling.

Step 2



Step 3

Describing Direction

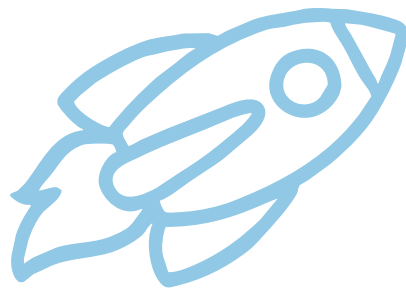
Your child can play games and use maps to practise using the language of direction. Can they get from one image to another to find the pirate's belongings in this directions activity?



Rotation

In year 2, your child will be encouraged to think about rotation in terms of quarter turns, half turns, three-quarter turns and full turns, both clockwise and anticlockwise. You can use this PowerPoint to help your child use and apply their understanding of maths in this area.

Step 4



Explore and Discover More

Twinkl Go! is a digital platform, hosting interactive content such as videos, games, audiobooks and more. Twinkl Go! enables digital content to be streamed to your computer or mobile device.



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Book Club

Twinkl Book Club is our book subscription service. Enjoy our original works of fiction in beautiful printed form, delivered to you each half-term and yours to keep!



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Boost

Twinkl Boost is a range of intervention resources, created to support and lift learning with children at every level. These include our easy-to-use SATs and Phonics Screening resources.



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imagine

Imagine resources are designed to help your children to think creatively, question and imagine. Every week, a new topic consisting of five photos, each with related activities, is created.

Twinkl Originals are engaging stories written to inspire children from EYFS to KS2. Designed to encourage a love of reading and help curriculum-wide learning through accompanying resources.



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KIDS' TV

Twinkl Kids' TV is our wonderful YouTube channel dedicated to fun and informative video-style resources full of new and creative activities you can try at home!