

How to use these slides to help your child:

Recall: Help your child to read what the question is and then leave them to try and answer the question by themselves. Recall is helpful to find out what your child already knows/ can already do so you know how much support to give them.

2. Learning objective: Read the learning objective together and discuss the learning habits you might need to use throughout. (discipline, resilience, imagination, collaboration, curiosity).

3. Guided practice: These are problems that should be done together. Guide the children to help them to find answers by showing them the most effective way to work things out. Perhaps show them how to work the first one out, work the second one out together and finally let your child work the last guided practice question out. If they get stuck, go back to the first one and work it out together again.

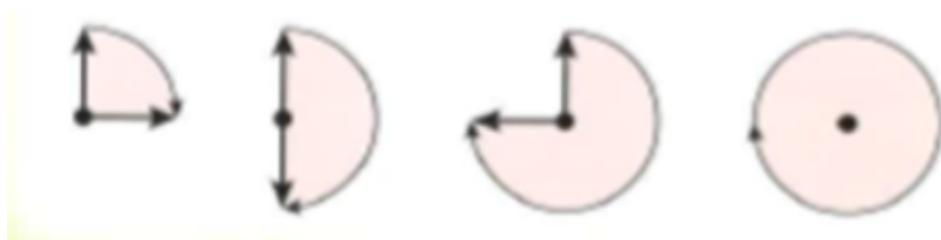
4. Intelligent practice: These are worksheet questions that the children should be able to work out by themselves after going through the guided practice. If they need support or a reminder or how to do it then that's absolutely fine but try not to just give them the answers. Remember- mistakes are good because we learn from them.

5. Dive deeper: This is a question that might be more open ended. It might require an explanation of how they know they are correct. This could be done by proving their answer through showing their working out. Read this question with your child and talk about how best to answer it.

6. Answers: It's really important to go through the answers with your child. Give them a pen and let them tick their own answers. If they get an answer wrong, now is the opportunity to look at the correct answer and identify together where they went wrong and how to fix it.

Recall

We will use these arrows to show turns.
Which one do you think shows a whole turn?



LO:

What are we learning?

We are learning to describe turns

How will we learn?

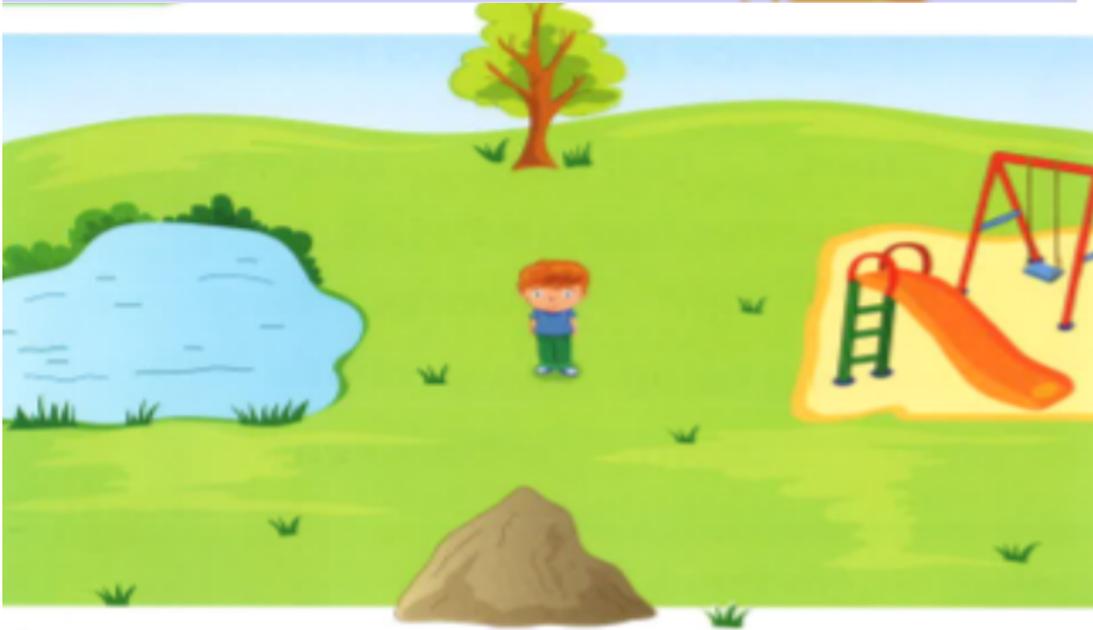
We are going to use the language: full, half, quarter
and three quarter to describe turns made by objects or shapes

Learning habits:
curiosity, discipline

Guided Practice

These maths words help us talk about where something is. Do you know any of these?

turn half turn quarter turn
three-quarter turn whole turn position
left right forwards backwards
above below top middle bottom
up down in between



a) David makes a **half turn**.

What is he facing?

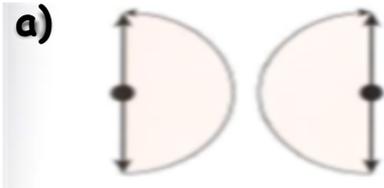
b) David is facing the .

He moves to face the .

What **turn** could he have made?

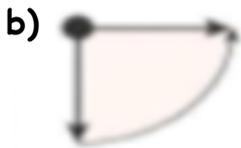
Let's have a look...

Guided Practice

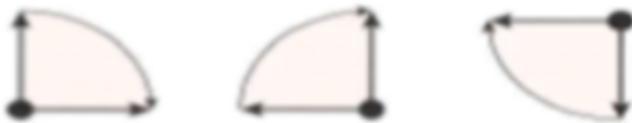


A half turn is the same no matter which way you turn.

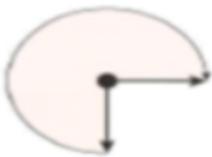
These are half turns.
David is facing the tree.



This is quarter turn.



These are quarter turns too.



This is a three quarter turn.

David could have made a quarter turn or a three- quarter turn.

Guided Practice

Your turn...

David is facing the 
He makes half turn.
What is he facing?



Answer:

David is facing the playground.

Guided Practice

Draw what the shape will look like once it had turned.

	After a quarter turn
	After a half turn
	After a three quarter turn
	After a full turn

What is each turn called?

Is there only one direction shapes/ objects can move in?

Guided Practice

Complete the sentences to describe the turns these shapes have made



The shape has turned _____ of a turn.

The shape has _____

How far has the shape/ object turned?

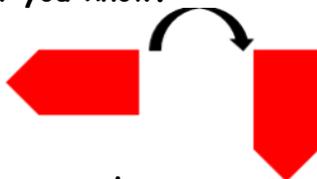
What will the shape/object look like before or after the turn?

Intelligent practice

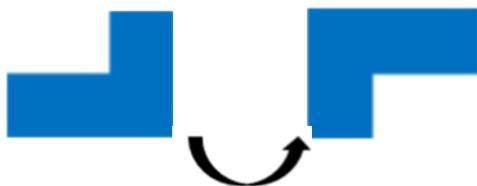
🌶️ Put a ✓ to show whether the  has made the correct turn.

	True	False
 quarter turn 		
 whole turn 		
 three-quarter turn 		

🌶️ Follow the arrows to work out what turns have been made by each shape.
Are these statements correct?
Explain how you know.



The shape has made a quarter turn.



The shape has made half a turn.



The shape has made a three quarter turn.

🌶️🌶️ Steph turns her number shape piece and it finishes facing this direction.

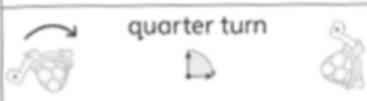


What direction could it have started facing?
What turn could it have made?

Intelligent practice

Answers

 Put a ✓ to show whether the shape has made the correct turn. 

	True	False
	✓	
		✓
		✓

 Follow the arrows to work out what turns have been made by each shape.
Are these statements correct?
Explain how you know.



The shape has made a quarter turn.

Incorrect.
Following the direction of the arrow the shape has made a three quarter turn.



The shape has made half a turn.

Correct



The shape has made a three quarter turn.

Incorrect.
Following the direction of the arrow the shape has made a quarter turn.

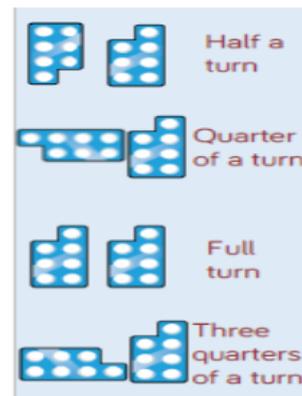


Steph turns her number shape piece and it finishes facing this direction.



What direction could it have started facing?
What turn could it have made?

It could have made these turns:



Dive Deeper



Laura is facing the 

She makes a half turn.

She is facing the 

Which box is the  in?

What happens if Laura makes a whole turn?
Where is she facing?

