

Hello Year 2,

It feels like so long since I have seen you. I hope you and your families are all well. I hope you had a nice half term and managed to spend time outside in the sunshine.

Before we finished at school I gave most of you a math book with different activities in, hopefully you have managed to do some of them.

I am now going to be putting some activities on the school web site that you can work on at home. They will be about things we would have been doing together in class, so it would be great if you could have a go at as many of them as possible.

The activities for the next few weeks are going to be about direction and movement.

Jun 2-10:11

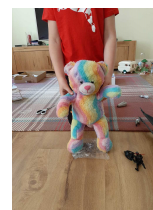
The first activity I would like you to try involves you and a few teddy bears.

If you only have one teddy bear, then you can use books or paper instead of other teddy bears.

Put 3 teddy bears in different positions around your room or garden.

Pick a start position away from the 3 teddy bears.

Hold another teddy in front of you like this.



You are now going to walk your teddy to visit one of the other teddies around the room, but you must move in straight lines and you cannot turn. The only movements you and your teddy can make are forwards, backwards, left and right.

So in the video, if we imagine we are Rainbow bear,
Rainbow bear moved 14 steps forward and 4 steps right.

Try moving your teddy forwards, backwards, left or right to visit the other teddies in the room.
Record the journey, for example 14 steps forward and 4 steps right.

TIP: Be careful with your teddies left and right. You will find it easier if you are facing the same way as your teddy.

Jun 2-12:56

For this activity you will need someone with you. Your mums and dads are probably very busy so don't worry if you can't do this activity. Maybe you have a brother or sister who can help.

One of you is going to be a robot, the other person is going to be the controller of the robot.

Whoever is going to be the robot is going to stand in the middle of your room or garden. Teddies or books can mark different positions around the room/garden.

The controller will now give instructions to the robot to get the robot to move to see the different teddies or books you have put around the room. Remember your robot cannot turn, he can only move forwards, backwards, left or right.

Swap places between robot and controller, do the same instructions always work for a different person being the robot? Why might the same instructions not work for a different robot?

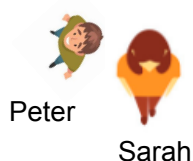
(Clue: Think about the size of steps being made)

Jun 2-10:45



These two people want to travel to the chair.

Peter says, "I need to travel 3 steps right and 6 steps backwards."



Sarah says, "No, it is 6 steps left and 3 steps backwards."

Why are their instructions different when they are standing next to each other?

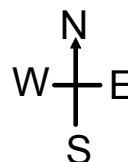
Jun 2-11:09






Did you work out that Sarah and Peter were both correct, but their instructions were different because they had started off facing in different directions?

If you stand next to someone, but one of you faces one way and the other person faces the opposite way. If you both take one step forward you will travel in different directions. The way you are facing is very important when you give directions.

Jun 2-11:20

LI: To describe movements in straight lines



5					
4					
3					
2					
1					
	A	B	C	D	E

For this activity you will need a small toy figure, maybe a Lego figure or something similar.

It may also help if you can print off this sheet.

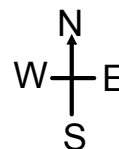
Stand your Lego figure in box A3, he/she needs to be facing North.






We are now going to direct them to the tent.

TIP: When you are thinking about left and right, face yourself the same way as your figure.

Jun 2-11:29

LI: To describe movements in straight lines



5					
4					
3					
2					
1					
	A	B	C	D	E

For this activity you will need a small toy figure, maybe a Lego figure or something similar.
It may also help if you can print off this sheet.

Stand your Lego figure in block B5, facing West. Now direct them to the football.

Make some questions like these of your own.

My Lego figure is in Block, facing

To get to the, he needs to move

Jun 2-11:29