

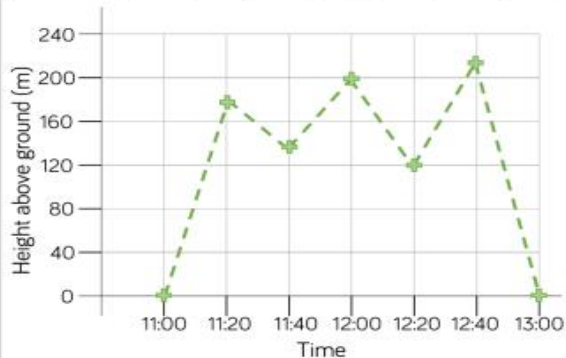
Thursday

09.07.2020

Starter

Rosie has used the data in the table to plot the line graph.

Time	11:00	11:20	11:40	12:00	12:20	12:40	13:00
Height above ground (m)	0	180	150	200	210	120	0



What mistakes has Rosie made?
Can you draw the line graph correctly?

Main Activity

Today, you are going to draw your own graph. You can start it as a scatter graph and then add the line in if you want to. Use your plan from yesterday to help you. *If you didn't do your Maths yesterday, don't worry! Go back to yesterday's lesson and do it today. Then you can do this tomorrow.*

Start by working out how long each axis needs to be. You are going to need to think about your **range, scale** and how many times you want to fit along your *x* axis. Even if you can't measure it completely accurately, you can still try to make it even.

Write your title at the top, making sure it tells you what, where and when your bar chart is showing.

Draw your two axes and label them (*Make sure you leave room for the numbers and times.*)

Write the categories equal spaces apart along your *x* axis and your scale, evenly spaced, up the side of your *y* axis.

Draw your crosses or dots to make a scatter graph.

Check that all your data is correct and join it together using a line to show how the information moves over time.