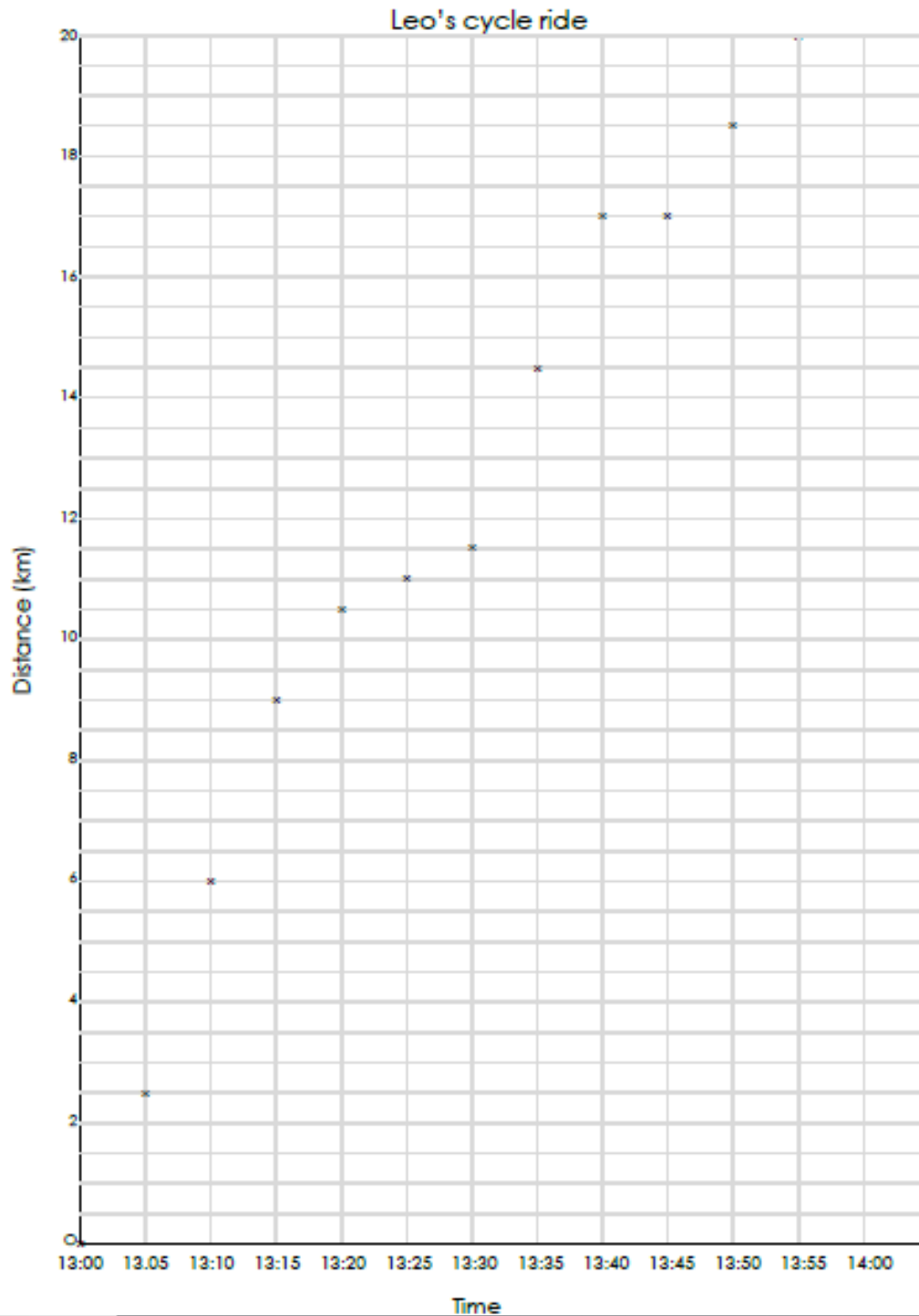


Wednesday 10th June

L.K: To interpret time graphs

Today you will be looking at a time graph and interpreting the data. This means that you will be looking at the graph and figuring out what happened at different times using a diary format. In the diary the boy, Leo, who has been on a bike ride, is discussing what happened at each time period in the graph. You will need to either fill in the times or fill in what you think happened at that point. The graph is below. Have a read through it and try and figure out what has happened at each point.



Activity #1

Match what happened to the times at which it happened. Remember, if the graph is going up slowly then Leo was moving slower. If it moves up quickly then he has sped up and is going much faster!

<p>Time- _____ to _____</p> <p>The cycle ride started well - I had lots of energy so I was able to cycle quickly, and I knew that a downhill was coming up!</p>	<p>Time- _____ to _____</p> <p>There was a big downhill-great! This was my fastest 5 minutes of cycling.</p>	<p>Time- _____ to _____</p> <p>I was still cycling quickly, as the ground became flatter. I cycled 3 km in 5 minutes.</p>
<p>Time- _____ to _____</p> <p>After a lot of downhill cycling, I started to slow down as it became trickier. A big uphill was coming up!</p>	<p>Time- _____ to _____</p> <p>This part of the cycle ride was really difficult, and my cycling really slowed down. It took me 5 minutes to ride 500 m!</p>	<p>Time- _____ to _____</p> <p>I carried on cycling really slowly - it was tough! But I knew a downhill section was coming up.</p>
<p>Time- _____ to _____</p> <p>After that really tricky up hill, there was another downhill! Brilliant! Another 3km cycled in just 5 minutes!</p>	<p>Time- _____ to _____</p> <p>I was still cycling quickly, I've now cycled over 15km!</p>	<p>Time- _____ to _____</p> <p>Oh no! I crashed in a pothole! I needed a couple of minutes to put a plaster on and check that my bicycle hadn't been damaged.</p>
<p>Time- _____ to _____</p> <p>I was back on my bike. I didn't have far to cycle left but I didn't want to cycle too fast, I didn't want to fall off again.</p>	<p>Time- _____ to _____</p> <p>The final 1 km 500 m - I made it!</p>	

Activity #2

This is an optional activity. What else could have been happening at each time period? How do you know you're right? This would be 3 star work!

<p>Time- 13:00 to 13:05</p> <p>The cycle ride started well - I had lots of energy so I was able to cycle quickly, and I knew that a downhill was coming up!</p>	<p>Time- 13:05 to 13:10</p> <p>There was a big downhill- great! This was my fastest 5 minutes of cycling.</p>	<p>Time- 13:10 to 13:15</p> <p>I was still cycling quickly, as the ground became flatter. I cycled _____ in 5 minutes.</p>
<p>Time- 13:15 to 13:20</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Time- 13:20 to 13:25</p> <p>This part of the cycle ride was really difficult, and my cycling really slowed down. It took me 5 minutes to ride _____!</p>	<p>Time- 13:25 to 13:30</p> <p>I carried on cycling really slowly - it was tough! But I knew a downhill section was coming up.</p>
<p>Time- 13:30 to 13:35</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Time- 13:35 to 13:40</p> <p>I was still cycling quickly, I've now cycled over 15km!</p>	<p>Time- 13:40 to 13:45</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Time- 13:45 to 13:50</p> <p>I was back on my bike. I didn't have far to cycle left but I didn't want to cycle too fast, I didn't want to fall off again.</p>	<p>Time- 13:50 to 13:55</p> <p>The final _____ - I made it!</p>	