

I wasn't sure when or where my next event was so I pulled out my timetable and map. The map was a bird's eye view of our school oval. It used a co-ordinate system and a key. It had seven areas marked out for the different events as well as the canteen.

4. Can you draw what you think Ollie's map might look like?

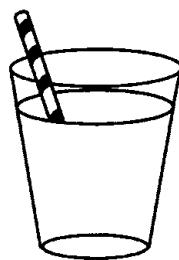
According to my timetable I had a bit of a break until my next event. I grabbed some food out of my bag and headed over to where I could see Charlotte and Sarah already sitting. I needed to keep up my energy. I still had 6 more events to go! Luckily I had a couple more breaks throughout the day.

5. What might Ollie's timetable look like?



My next event was she... I had a little time until it started so I walked over to the drinks stand to grab a cup of cordial. As I drank it I thought it tasted and looked more like water! I wondered how much cordial they had put in. At home I make my cordial pretty strong!

6. What do you think the ratio of cordial to water might have been? What should the ratio be?



As I was drinking, an announcement was made through the loud speakers. Someone had broken the school record for the 800 metres! It had been beaten by $\frac{1}{10}$ of a second!

7. What might the new record be?

The school record has been broken for the 800 metres!

