

WALT - use results to draw simple conclusions, suggest improvements and raise further questions

Apply your writing skills to answer the following questions in as much detail as possible.

1. What conclusions can you draw from the experiment?
2. Was your prediction supported by evidence?

Challenge:

3. How could the experiment be improved?
4. What further questions could you raise to gain a deeper understanding of this?

1. In conclusion, the 5m telephone is louder because it is shorter than the others and the air particles are closer together and the vibration of it can be louder and higher, than further away air particles.

Conclusion made, using results made and linking to prior knowledge of sound.

not necessarily the pitch is not expected.

2. In conclusion, the 15m telephone is quieter than because the air particles disperse and that is what makes the sound quieter so this means that the air particles are further away.

3. Therefore, sound gets louder as the closer it is and it gets quieter as the further away it is.

My prediction was incorrect because I said that the longer the string the quieter the sound was and I said that the shorter the string the louder it would be so my prediction was correct.

General summary made which answers the question

Reflected on prediction and explained why

I think that we could improve it by doing it in a different location like we could do it on grass not concrete. We could also do it on tiles instead of three tests because if we do it, we would get a different result and it would be a fair test

Suggested ways to improve the investigation, independently.