

Line 54 – Define “A-level” student or remove. Not everyone knows what this means.

*Added ‘(A-levels are UK secondary education qualifications, typically taken prior to university entrance)’*

Section 2 – Is it possible to do something similar to what you have done in lines 251-253 for other sub-sections in section 2? This would help educators from low-income countries with adapting your activities.

*We have added ‘A low budget-version of this activity can be made using a bar magnet and a set of compasses positioned around the bar magnet, although it would not be possible to image the quadrupolar state this way.’ Unfortunately we cannot suggest how to build a kickstool magnetometer because that would require an entirely new paper.*

Section 4.2 (Benefits to the Team) – Please delete this section (or rewrite and include evidence/examples). It’s too general, does not add anything new, and is not backed up by evidence, qualitative or quantitative.

*Deleted*

Figure 8 – Are the added texts in Fig 8 examples of participants’ responses? If so, mention that in the caption, and remind readers what the numbers are (1,2, ...). I even suggest included the learning outcomes next to the numbers in the figure caption, so the readers don’t have to refer to the manuscript text to understand your figure.

*No, these are our learning outcomes, as mentioned in the caption. They are also numbered in the figure. We have now repeated the information in the picture in the caption by adding ‘Learning outcome 1 – Rocks are cool and they can record magnetic fields. Learning outcome 2 – The magnetic poles of the Earth reverse. Learning outcome 3 – Different materials have different magnetic properties. Learning outcome 4 – Paleomagnetism is practical, hands-on and anyone can do it.’*

Line 517-518, Revise this sentence: “We show that visiting the stand had a significant impact on visitors’ knowledge of...” to something like “Our assessment data show a significant (above 95% ??) increase in ...”. I don’t think you are measuring “impact” here, only changes in responses, correct?

*Changed to ‘We show that visiting the stand had a measurable influence on visitors’ knowledge of paleomagnetism and Earth’s magnetic field through a significant increase in quiz scores.’*