

Dear parent/carer,

Re: Year 8 Science Assessment – week beginning 13/01/2025

Year 8 students will be sitting their spring Science assessment in the week of the above date. Their class teacher will tell them exactly what lesson this will be in.

Students will be assessed on the following content, which is as follows:

- **Knowledge Questions:** A random 10 of the attached questions will be in the paper
- **Maths Skills:** Decimals (rounding, identifying higher/lower values by decimals, converting decimals to whole numbers)
- **Investigation skills:** Students will be required to identify variables, write a simple method, and explain what to do with results (including calculating means, drawing graphs with lines of best fit).
- **Chemistry Application:** Earth and Atmosphere (types of rock and how they are formed, types of weathering and how each weathering process works, layers of the Earth)
- **Physics Application:** Electricity and Magnetism (Identifying open and closed regions of circuits, the difference between series and parallel circuits and how potential difference and current behave in said circuits, and rearranging the potential difference = current x resistance equation).

For revision, students have been shown how to access SharePoint in class where there are some revision materials for the assessment. However, if any issues arise with SharePoint please contact the class teacher in the first instance.

I have also attached an interactive revision plan with hyperlinks to different websites to help with revision. Sometimes students may need to be logged into their school Microsoft accounts to access these websites.

I hope this information is useful.

Yours faithfully,

Mr T Humphrey

Science Teacher
KS3 Science Coordinator