

27th January 2025

Dear Parent/Carer,

Year 7 Spring Assessment: Science – Week Beginning 24/02/2025

The science department's spring assessment will be taking place week commencing 24th February; the teacher of each class will let the students know which day within the week that the assessment will be.

In the assessment itself, there will be five sections:

- **Knowledge Recall:** 10 of the attached questions will be in the paper.
- **Mathematics Skills:** Averages (calculating means from different datasets)
- **Investigation Skills:** Identifying appropriate apparatus for measuring variables, as well as justification for said choices, identifying correct units of measurement and highlighting errors in sample investigations
- **Biology Application:** labelling parts of the respiratory system, listing adaptations of structures within the respiratory system, and recalling levels of organisation
- **Chemistry Application:** completing diagrams of the particle model, explaining properties of different states of matter, interpreting diagrams to identify changes in pressure

To aid revision, I have attached a revision plan with hyperlinks to different online resources. Your child may need to be logged into their school Microsoft account (emails) to access some of the links.

Additionally, BBC BiteSize provides great information around these topics too. Below are some links to Bitesize topics which you may find useful:

Apparatus: <https://www.bbc.co.uk/bitesize/articles/zrf2qfr#ztqrbqt>

Respiratory System: <https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zk9t6q8#z6v3f82>

Levels of organisation: <https://www.bbc.co.uk/bitesize/articles/zrp3ydm#z3hvf82>

Particle model: <https://www.bbc.co.uk/bitesize/topics/z9r4jxs/articles/zqp7p3#zcq2jsq#>

Pressure: <https://www.bbc.co.uk/bitesize/topics/z9r4jxs/articles/zgh3ydm#zn6ysk7>

I hope this information helps.

Yours faithfully,

T Humphrey

Mr T Humphrey

Science KS3 Coordinator