

# Science Department Revision Newsletter

Dear Learners and Parents,

This is a new series of communications to support your Science revision.

We will have a weekly focus for Biology, Chemistry and Physics revision with a resource and some suggestions for how you can make the knowledge stick.

**Remember** we have 3 revision sessions this week that all students are encouraged to attend:

Monday Chemistry after school with Mr Pollock (including Alloys)

Wednesday Physics at lunchtime with Mr Johnson (including Electricity)

Friday Biology after school with Mr Cox (including the Heart)

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## Making It Stick

The Revision Revolution focus is still on **flashcards** this week.

Learners - watch the videos and create flashcards summarising the content - a question on one side and the answer on the back - one for each section in the video.

Parents - you can help by using the flashcards to test your young scientist!

Have a great week, and don't forget to ask your teachers if you need any help!

**Mr Cox**  
**Director of Learning for Science**

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## Biology

### The Immune System and Vaccination

Resources: 2 videos to help develop your retrieval

<https://www.youtube.com/watch?v=HSrrPdJDqxM>



<https://www.youtube.com/watch?v=uPeZBhJYInU>



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## Chemistry Energy Changes and Reaction Profiles

Resources: 2 videos to help develop your retrieval

<https://www.youtube.com/watch?v=4HS6D0hTzdg>

### Exothermic and Endothermic Reactions

GCSE Chemistry



<https://www.youtube.com/watch?v=rdl7xEq4Ew8>

### Required Practical 4: Temperature Changes

GCSE Chemistry



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## Physics Radiation

Resources: 2 videos to help develop your retrieval

[https://www.youtube.com/watch?v=F\\_Y1-JieCrg](https://www.youtube.com/watch?v=F_Y1-JieCrg)

### Radioactivity

GCSE Physics



<https://www.youtube.com/watch?v=nW0S1C6wVrg>

### Properties of Alpha, Beta and Gamma Radiation

GCSE Physics

