

Year 10 Triple Science

You need to be spending **6 hours** per week on this subject.

Activity to complete:

- **Live Lesson Tuesday 5th January-Alloys**
We will be learning what an alloy is, how they are made and what they are used for.
- **Live Lesson Wednesday 6th January-Nanoparticles**
We will be learning what a nanoparticle is, what they are used for and the arguments for and against their use.
- **Remote Learning Task Wednesday 6th January-Bonding Worksheet (this will be emailed to you)**
This task recaps the work we did on ionic and covalent bonding before Christmas.
- **Remote Learning Task Thursday 7th January- Nanoparticles Worksheet (this will be emailed to you)**
This task looks at nanoparticles and how we calculate the surface area to volume ratio.
- **Live Lesson Thursday 7th January-Conservation of mass**
We will be learning about conservation of mass, balancing equations and how to calculate relative formula mass.
- **Remote Learning Task Friday 8th January-R.F.M/balancing equations Worksheet (this will be emailed to you)**
- This task will consolidate the work done in Thursdays live lesson.

Work to be submitted to your teacher:

Structure and Bonding exam question booklet (which will be emailed out to you) & Remote Learning Task from Friday 7th January.

E-mail the completed work, via your school e-mail account, to Mrs Harkin:

h.harkin@rshs.aspireplus.org.uk by 3pm Wednesday 13th January.

If you are unable to type your work please email a photograph of your work instead, making sure that your work can be clearly seen in the photograph.

When you return to school please bring this work in so that it can be glued in your book.

If you have any issues regarding meeting the deadline please e-mail.

Websites, accessible on a Smartphone, useful to support further understanding:

BBC Bitesize AQA Chemistry

<https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>

Oak Academy Structure & Bonding

<https://classroom.thenational.academy/units/bonding-structure-and-the-properties-of-matter-e93f>

Fuse School Videos Youtube

<https://www.youtube.com/channel/UCS3wWlfGUijnRif745IRI2A>