Year Group: 9 Term: One

We are learning:

Advanced Chemical Reactions

- Atoms
- Combustion
- Decomposition
- Conservation of mass
- Endothermic and Exothermic Reactions
- Energy Levels
- Bond Energies
- Ions & Isotopes

How can you support your child:

- Encourage them to make revision posters on each of the sub-topics within the topic of Advanced Chemical Reactions.
- Encourage them to make cue cards with questions and answers on all the sub-topics with the topics.
- Encourage them to use the notes, videos, and quizzes, on BBC Bitesize.
- Encourage them to use Seneca Learning to supplement and secure their knowledge on the topic.

Try asking them:

- Draw the structure of an atom.
- Write the equation for combustion of methane.
- Practice balancing equations.
- Draw energy level diagrams for an endothermic and exothermic reaction.
- Explain how to make a investigate reactivity of a metal
- Write a definition for an atom, an ion and an isotope.

Useful Links:

Senecal Learning

BBC Bitesize