Year Group: 9 Term: Three

We are learning:

Structure and Bonding

- Changes of state
- Ionic bonding
- Covalent bonding
- Metallic bonding
- Polymers
- Nanoparticles
- Graphene and fullerenes

How can you support your child:

- Encourage them to make revision posters on each of the sub-topics within the topic of Structure and Bonding.
- 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 sodium chloride
- Draw the following covalent molecules; methane, water and carbon dioxide.
- Explain why metals conduct electricity.
- What are the special properties of nanoparticles
- How do diamond and graphite differ in their properties, explain.

Useful Links:

Senecal Learning

BBC Bitesize