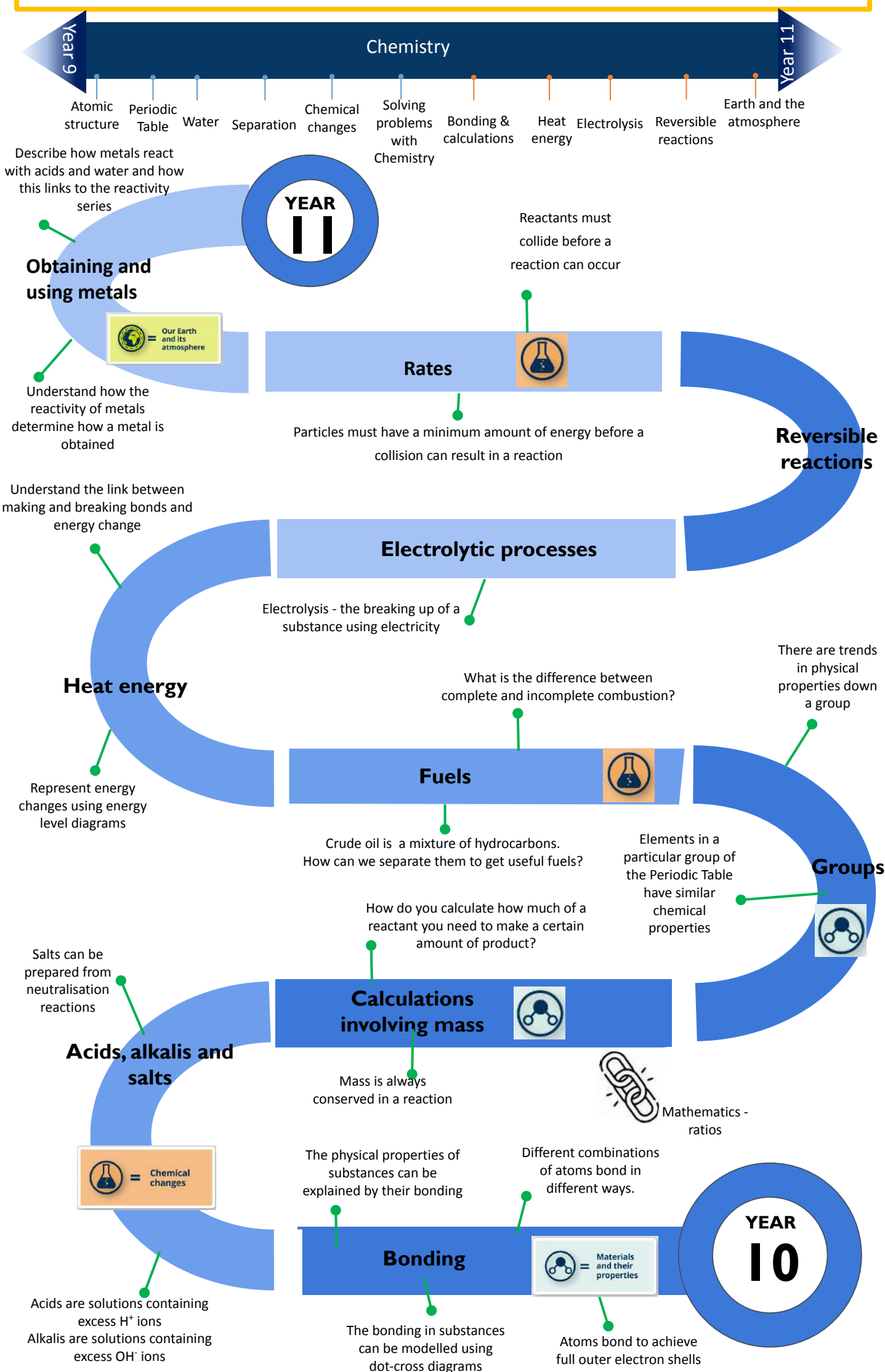


# Year 10 - Triple Chemistry

In year 9 we developed our concept of the atom by introducing subatomic particles and linking these to the Periodic Table. In year 10 we introduce and use the three main types of bonding to continue through the big idea of materials and their properties. In the big idea of Chemical changes we will look in greater depth at acids and alkalis that we first looked at in year 7, as well as looking at fuels and rates. In the third big idea of the Earth and its atmosphere we will build on the Rocks topic from year 8 in the context of obtaining metals from ores.



# Year 11 - Triple Chemistry

In year 10 you were introduced to the 3 main types of bonding models and you used these to explain the properties of different materials. In year 11 we will review and build on these and look further into quantitative and qualitative analysis.

The chemical changes involving acids and alkalis, fuels and electrolysis were explained in year 10. In year 11 we will find out about more organic chemistry and explain equilibria further.

In year 11 we will build on our understanding of the Earth and its atmosphere and look at the evolution of the atmosphere and human impact on the atmosphere today.

