

## Ovingham Middle School Subject Overview Year 7



Subject: Science

Each column represents an approximate half term starting at 1 = September to October

	1	1.5	2	2.5	3	3.5
<b>Topic</b>	<b>Life processes</b>	<b>Life processes</b>	<b>Life processes</b> <b>Forces</b>	<b>Forces</b> <b>Particle model</b>	<b>Particle model</b>	<b>Particle model</b>
Areas of curriculum covered	<ul style="list-style-type: none"> <li>- Levels of organisation</li> <li>- Cells and adaptations</li> <li>- Food and digestion</li> <li>- Blood and transport</li> </ul>	<ul style="list-style-type: none"> <li>- Breathing</li> <li>- Types of respiration</li> <li>- Skeleton</li> <li>- Reproduction in animals</li> </ul>	<ul style="list-style-type: none"> <li>- Photosynthesis</li> <li>- Uses of mineral ions by plants</li> <li>- Types of force</li> <li>- Using force arrows</li> <li>- Balanced vs unbalanced forces</li> <li>- Mass vs weight</li> <li>- Upthrust</li> <li>- Friction</li> </ul>	<ul style="list-style-type: none"> <li>- Speed and relative motion</li> <li>- Pressure on surfaces</li> <li>- Levers and moments</li> <li>- Properties of solids, liquids and gases</li> <li>- Particle theory</li> </ul>	<ul style="list-style-type: none"> <li>- Diffusion</li> <li>- Pressure in gases</li> <li>- Temperature and heat energy</li> <li>- Conduction</li> </ul>	<ul style="list-style-type: none"> <li>- Convection</li> <li>- Radiation</li> <li>- Solutions</li> <li>- Separation techniques</li> </ul>
Links To RRSA	12      17 13      28	12      17 13      28	12      13 28	12      13 28	12      13 28	12      13 28

Please be aware that each class is unique and although the above planning will be followed as close as possible, at times, and with individual classes, we may deliver deeper, extended learning into a topic, move faster to another topic or go slower to make sure we have clarified learning.

If you are in any doubt or have any specific questions about this subject please contact the subject coordinator : Mr Pusey