

# YEAR 8 - SCIENCE

The skeletal system (simple machines), nutrition and digestion, gas exchange and reproduction (health).

<b>Know:</b>	<ul style="list-style-type: none"><li>• Structure and function of blood cells (specialised cells) linked to the circulatory system.</li><li>• Enzymes are made of protein and are biological catalysts.</li><li>• Names, positions and functions of organs and systems in the body.</li><li>• The names and adaptations of gametes in animals.</li><li>• Function of bones including: protection, support, movement, production of blood and stem cells.</li></ul>
<b>Can:</b>	<ul style="list-style-type: none"><li>• Can describe that enzymes act as 'builders' and 'breakers'.</li><li>• Explain how surface area: volume ratio affects gas exchange in organisms and link this to the structure and function of gas exchange system.</li><li>• Describe the human reproductive system.</li></ul>