







# Year 9 Mid-Year Assessment Student check list



Our mid year assessment will start with 30 multiple choice questions selected from the Oasis Science KS3 question bank. This section will also include questions from topics you have studied in year seven and eight. Revising using carousel study packs will ensure you are well prepared.

The multiple-choice section will be followed by eight application questions focused on topics B10, B11, B12 & B13. Use the self study and independent practice packs on the student portal to make sure you can apply your knowledge. You can find them on the links below.

Unit	Key concepts and ideas	Link	Tick list
B10 – What are micro-organisms?	<ul style="list-style-type: none"><li>• Development of microscopes, their use &amp; magnification</li><li>• Osmosis</li><li>• Ribosomes, enzymes and synthesis of proteins, lipids and cellulose in cells</li><li>• Eukaryotes – animals, plants, fungi and protists</li><li>• Yeast – respiration and uses</li><li>• Prokaryotes – bacteria and archaea</li></ul>	<a href="#">Link</a> 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
B11 – What causes disease?	<ul style="list-style-type: none"><li>• Good health &amp; effect of lifestyle on health</li><li>• Effects of smoking and alcohol</li><li>• Pathogens</li><li>• The bodies defences and immune system</li><li>• Role of antibiotics, pain killers and vaccines</li><li>• Examples of diseases: Malaria, STDs, Viral and bacterial diseases</li><li>• Plant diseases</li></ul>	<a href="#">Link</a> 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
B12 – Why do organisms depend on each other and their environment?	<ul style="list-style-type: none"><li>• Ecosystem, community and population</li><li>• Affect of biotic and abiotic factors</li><li>• Adaptations</li><li>• Interdependence – predator &amp; prey populations. Role of decomposers</li><li>• Biodiversity, crisis &amp; conservation</li></ul>	<a href="#">Link</a> 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
B13 – how do species evolve?	<ul style="list-style-type: none"><li>• Classification – five kingdoms &amp; 3 domains</li><li>• Causes of variation in a species</li><li>• Natural selection (process)</li><li>• Evolution by natural selection and speciation</li></ul>	<a href="#">Link</a> 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>

50% of the assessment will draw on ideas studied in year seven and eight. You can access resources for these units on the student portal or using the links below.

## Resources to revise Y7 & 8 content can be found here:

- Biology: units B1, B2, B3, B4, B5, B6, B7, B8 & B9 ([link](#))
- Chemistry: units C1, C2, C3, C4, C5, C6, C7, C8 and C9 ([link](#))
- Physics: units P01, P02, P03, P04, P05, P06, P07 ([link](#))