

Year 11/12 OCN

	Description	Topics
September – February year 11	Physics	<ul style="list-style-type: none">• Understand energy transfer• Understand electricity• Understand forces and motion• Understand waves and radiation
February year 11 to November year 12	Biology	<ul style="list-style-type: none">• Understand cellular structure and functions• Know about transport of nutrients and gases in plants.• Understand genetics and inheritance.• Understand how organisms interact with the environment and each other.• Understand what enzymes are and their role in living organisms and industrial processes.
November to May year 12	Chemistry	<ul style="list-style-type: none">• Understand atomic structure and bonding• Know about the periodic table• Understand the nature of chemistry and the main types of chemical reaction.• Understand rates of reaction

100% coursework awarded as a pass or Fail

Pass = grade B

Specification and more information can be found at:

<https://www.ocnni.org.uk/media/3458/specification-ocn-ni-l2-certificate-extended-certificate-in-applied-science.pdf>