

N5 PHYSICS ESSENTIAL INFORMATION

Which topics are covered at N5?		What apps and websites can I use to support my learning?			
Topic	Subtopic	https://scholar.hw.ac.uk/courses/ https://www.bbc.co.uk/bitesize/subjects/z6fsgk7 https://www.sqa.org.uk/pastpapers/findpastpaper.htm https://mrsphysics.co.uk/n5/ https://www.youtube.com/@MrMitchellPhysics https://www.youtube.com/@MrSmithsPhysicsonline			
Waves	Wave parameters and behaviours				
	Electromagnetic spectrum				
	Refraction of light				
Dynamics	Vectors and scalars				
	Velocity-time graphs				
	Acceleration				
	Newton's laws				
	Energy				
	Projectile motion				
Space	Space exploration				
	Cosmology				
Radiation	Nuclear radiation				
Electricity	Electrical charge carriers				
	Potential difference (voltage)				
	Ohm's law				
	Practical electrical and electronic components				
	Electrical power				
Properties of matter	Specific heat capacity				
	Specific latent heat				
	Gas laws and the kinetic model				
How is the course assessed?					
COMPONENT	DETAILS	LENGTH	MARKS	SCALED	%
FINAL EXAM:	Section 1 – 25 marks multiple choice (A-E)	2 hours 30 minutes	25	25	20
	Section 2 – short response		110	75	60
IN SCHOOL: Assignment	Assignment - undertaken in class under close supervision. Submitted to SQA for marking	8 hours, of which a maximum of 1 hour 30 minutes is allowed for the report stage	20	25	20
What resources do I need?		What else can I do to improve?			
Resources from lessons (One Note and Teams) Login details to essential websites (above) Recommended: scientific calculator (one will be provided for you if you do not have one for any assessments – however knowing how the calculator you will be using works in advance is highly beneficial)		What else can I do to improve? <ul style="list-style-type: none"> Attempt past papers (blind to marking instructions) and then check your answers. Pay particular attention to command words in past paper questions and what the answer requires. Practise use of your calculator- especially how to input scientific notation. Learn the SI Unit prefixes and practise use of indices. Read the course reports (https://www.sqa.org.uk/sqa/47430.html) to see the common errors made by candidates. Consistently use the “equation, substitution, final answer” method for calculations. Practise using the relationship sheet and data sheet when answering questions. 			
Where can I find more information about the exam and assignment? The SQA Understanding Standards provides exemplars and grades awarded. https://www.understandingstandards.org.uk/					
Where do I find the past papers? These are on One Note but you will also find past papers back to 2018 on the SQA site. https://www.sqa.org.uk/pastpapers/findpastpaper.htm					
Where do I find more information about the course? https://www.sqa.org.uk/sqa/47430.html		How do I ensure top marks? Be consistent in your approach to calculations Listen to and act on teacher feedback Prepare for all assessments Take advantage of study support opportunities			