

	PAPER 1 - <u>Physics Foundation paper</u>	<u>Revised</u>
P1	Energy stores and systems https://www.youtube.com/watch?v=IBKjThlIOUA	
P1	Use the kinetic energy equation https://www.youtube.com/watch?v=WrfCHt21kVA	
P1	Use the elastic potential energy equation https://www.youtube.com/watch?v=8Z8jUW03z3s	
P1	Use the gravitational potential energy equation https://www.youtube.com/watch?v=63OTIdNb-TE	
P1	Use the specific heat capacity equation https://www.youtube.com/watch?v=4rT7-5yE4pQ	
P1	Changes in energy https://www.youtube.com/watch?v=gj1tu8bTKjl	
P1	Energy changes in systems https://www.youtube.com/watch?v=gj1tu8bTKjl	
P1	Power https://www.youtube.com/watch?v=kCJUzdCBOk0	
P1	Energy transfers in a system https://youtu.be/PY80j_iNT9Y	
P1	Required practical activity 2 – Thermal insulators https://youtu.be/MUy1o4ogCvw	
P1	Efficiency https://youtu.be/NI5jaeBrlgQ	
P2	Power energy transfers	
P2	Energy transfers in everyday appliances https://youtu.be/WLaUmNr4lho	
P2	Draw circuit symbols https://www.youtube.com/watch?v=sFUmuUjAcw	
P2	Current, potential difference, resistance. ($V=IR$) https://www.youtube.com/watch?v=hRojfU77c38	
P2	The National Grid https://www.youtube.com/watch?v=VTAFjhO1HNo	
P2	Static electricity https://youtu.be/5obbfXg_MH4	

P3	Use the density equation https://www.youtube.com/watch?v=pgGzVdau1Bw	
P3	Required practical activity 5 – Density https://youtu.be/ScXOp8Zph28 https://youtu.be/lvqu6JAbaKc	
P3	Changes of state https://www.youtube.com/watch?v=xYU7RSoOZ0U	
P3	Internal energy https://youtu.be/5WVT5NR0iLA	
P3	Temperature changes in a system and specific heat capacity https://youtu.be/Hs5x0-IU2F4	
P3	Changes of state and specific latent heat https://youtu.be/x7GZ2DXef84	
P4	Atoms and nuclear radiation – alpha/beta/gamma https://www.youtube.com/watch?v=KwOHJbE4Tro https://www.youtube.com/watch?v=nW0S1C6wVrg	
	<p>NOT ASSESSED:</p> <p>Domestic uses and electrical safety</p> <p>Particle model/pressure</p> <p>Isotopes</p> <p>Nuclear fission and fusion</p>	

	PAPER 2 - <u>Physics Foundation paper</u>	<u>Revised</u>
P5	Scalar and vector quantities https://www.youtube.com/watch?v=P1ISWWUkMdQ	
P5	Contact and non-contact forces https://www.youtube.com/watch?v=WCPTKRascgE	
P5	Gravity and weight https://www.youtube.com/watch?v=W2aBVbcHr_k	
P5	Resultant forces https://www.youtube.com/watch?v=YGGxf6cp3Lo https://www.youtube.com/watch?v=U8z8WFhOQ_Y	
P5	Work done and energy transfer https://youtu.be/PY80j_iNT9Y	
P5	Forces and elasticity https://youtu.be/ACDbJ8rsQDo	
P5	Atmospheric pressure https://youtu.be/s8C2RktZtbM	
P5	Distance and displacement https://www.youtube.com/watch?v=QaU9jMHh7gE	
P5	Speed https://www.youtube.com/watch?v=M_OFRIX8wIM	
P5	Velocity https://www.youtube.com/watch?v=rTx-wwRUnc	
P5	The distance–time relationship https://www.youtube.com/watch?v=RM02SnuJOMY	
P5	Acceleration https://www.youtube.com/watch?v=Kzx8GBTI5VM	
P6	State the electromagnetic spectrum waves in order https://www.youtube.com/watch?v=u5vkYjV1V1A	
P6	Transverse and longitudinal waves https://youtu.be/0f5iYCNCnow	
P6	Properties of waves https://youtu.be/ITe6snlZBp8	
P6	Reflection of waves https://youtu.be/8K6gOST8pZk	

P6	Refraction of waves https://youtu.be/wO49W5lsP0s	
P6	Sound waves https://youtu.be/N_07EkzEhVQ	
P6	Waves for detection and exploration	
P6	Required practical activity 9 – Refraction /reflection https://youtu.be/2fN_jvf4fw8	
P8	Our solar system https://youtu.be/mndRVjMovQk	
P8	The life cycle of a star https://www.youtube.com/watch?v=PM9CQDIQI0A https://youtu.be/VOY1JlVuin4	
	<p>NOT ASSESSED:</p> <p>Moments, levers and gears</p> <p>Forces, acceleration, Newton’s laws of motion.</p> <p>Forces and braking</p> <p>Black body radiation</p> <p>Red-shift</p>	