Physics revision for a Paper 2 Exam

The Paper 2 Physics exam covers topics P5- P8

Step1: Read your revision guide/ watch the videos/ pause the video and make notes

Step 2: Make revision cards/ notes using your revision guide and the videos.

Step 3: Attempt the exam questions and self-assess

Step 4: Go back and look at and amend revision notes if needed

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| Topic | Further details and links | Exam Pro  |
| General  | * Primrose kitten Paper 2 Revision :<https://www.youtube.com/watch?v=X1aMXCr75Kw>
* Straight line graphs: <https://youtu.be/-5jwmZJl34c>
* Standard form <https://youtu.be/qE9HYWJbmcw>
* Rearranging equations: <https://youtu.be/L3NqsNOQLYk>
* Variables and constants <https://youtu.be/5-cdBBxZgR0>
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| P5 Forces | These are all short videos from cognitioContact and Non-contact forces: <https://www.youtube.com/watch?v=WCPTKRaScgE&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=41>Scalar and vector quantities <https://www.youtube.com/watch?v=iLB_4Wu2QOg&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=42>Resultant force and free body diagrams: <https://www.youtube.com/watch?v=YGGxf6cp3Lo&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=43>Vector Diagrams and Resultant Forces<https://www.youtube.com/watch?v=U8z8WFhOQ_Y&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=44>Elasticity, spring constant, and Hooke's Law:<https://www.youtube.com/watch?v=FAHOI32oAns&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=45>Distance-Time Graphs<https://www.youtube.com/watch?v=RM02SnuJ0MY&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=54>Velocity Time Graphs<https://www.youtube.com/watch?v=b0VKlpetP9A&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=55>Terminal Velocity<https://www.youtube.com/watch?v=cCDfNkcGhDM&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=56>Newtons First and Second Laws<https://www.youtube.com/watch?v=i5PtaCJJFjw&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=57>Newton’s Third Law<https://www.youtube.com/watch?v=DpQ_ikFKru0&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=58>Stopping Distances<https://www.youtube.com/watch?v=ZLHgYgEAPhY&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=59>Acceleration: <https://www.youtube.com/watch?v=Kzx8GBTl5VM> Momentum: <https://www.youtube.com/watch?v=F8DnNqBhUfQ> Changes in momentum: <https://www.youtube.com/watch?v=ZU6rJQTz7FI> RPA F=mxa: <https://www.youtube.com/watch?v=VOMNGlasL-0> Weight: <https://www.youtube.com/watch?v=rNS-W7k0jts> Triple only How Moments Work - Spanners and Seesaws<https://www.youtube.com/watch?v=p7QS4cz-Avs&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=47>Moments - Gears and Levers<https://www.youtube.com/watch?v=kk6T0m9wmnU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=48>Liquid Pressure & Upthrust:<https://www.youtube.com/watch?v=9Gw0rlXn6ec&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=50>Atmospheric Pressure<https://www.youtube.com/watch?v=s8C2RktZtbM&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=51>These are more detailed videos from Isaac Physics Distance and displacement <https://youtu.be/kU1dRxM8-Ek>Terminal velocity <https://youtu.be/FjTDTEJg8fA>Stopping with and without brakes <https://youtu.be/fyTwy6KKYgk>Momentum conservation <https://youtu.be/qcshis8ourA>This is a long summary video on forces and motion <https://youtu.be/0-zzTRksxMw> | Forces Foundation questions [**https://MOQOEOS.exampro.net**](https://moqoeos.exampro.net/)Forces Higher questions [**https://JECAFOK.exampro.net**](https://jecafok.exampro.net/)[QR code](https://app.doublestruck.eu/data/qr.php?u=https://JECAFOK.exampro.net" \t "_blank)Forces Triple questions [**https://AORIFIA.exampro.net**](https://aorifia.exampro.net/)[QR code](https://app.doublestruck.eu/data/qr.php?u=https://AORIFIA.exampro.net" \t "_blank) |
| P6 Waves | Intro to Waves - Longitudinal and Transverse Waves<https://www.youtube.com/watch?v=aCu4VRKMstA&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=62>Refraction: <https://www.youtube.com/watch?v=UUc44Vg5pCI> RPA refraction: <https://www.youtube.com/watch?v=2fN_jvf4fw8> Electromagnetic Waves<https://www.youtube.com/watch?v=7v2gs8rdQzU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=65>Radio Waves<https://www.youtube.com/watch?v=Ldnh0XlMVc0&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=66>Microwaves and Infrared<https://www.youtube.com/watch?v=ow26-5UirSc&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=67>Visible and UV Light<https://www.youtube.com/watch?v=q_CxKQC-zpg&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=68>X-Rays and Gamma Rays<https://www.youtube.com/watch?v=dBFGjdgbpno&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=69>Triple only : Reflection<https://www.youtube.com/watch?v=WDBtOeXUdWQ&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=63>How Lenses Work<https://www.youtube.com/watch?v=xpcX3B4xE7Q&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=70>How to Draw Ray Diagrams<https://www.youtube.com/watch?v=JNp_-00-fxU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=71>Visible Light and Colour<https://www.youtube.com/watch?v=KnIualWf6Rs&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=72>How Radiation Affects Temperature<https://www.youtube.com/watch?v=je-qc7sxYzU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=73>Sound Waves and Hearing<https://www.youtube.com/watch?v=s9wZkP64rAc&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=74>Ultrasound<https://www.youtube.com/watch?v=8ixr2NQF9Dg&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=75>Seismic Waves<https://www.youtube.com/watch?v=h4jvZ_zHKYY&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=76>These are more detailed videos from Isaac Physics This is a long summary video on Waves <https://youtu.be/5vk5OMRUSFc>Seismic waves Isaac Physics <https://youtu.be/yAcP0tLQSa0> | **Waves Foundation** [**https://UOPOOET.exampro.net**](https://uopooet.exampro.net/)[QR code](https://app.doublestruck.eu/data/qr.php?u=https://UOPOOET.exampro.net" \t "_blank)Waves Higher [**https://DUEYJOM.exampro.net**](https://dueyjom.exampro.net/)[QR code](https://app.doublestruck.eu/data/qr.php?u=https://DUEYJOM.exampro.net" \t "_blank)Waves Triple [**https://MYVUEUV.exampro.net**](https://myvueuv.exampro.net/) |
| P7 Magnetism | Permanent/ induced magnets: <https://www.youtube.com/watch?v=bOZ2Hk2hKLE>Electromagnetism<https://www.youtube.com/watch?v=79_SF5AZtzo&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=79>Motor Effect ( HT only) <https://www.youtube.com/watch?v=ltpPhpi-CC4&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=80>Triple only :Generator Effect<https://www.youtube.com/watch?v=pkzY7QfTowM&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=82>How Transformers Work<https://www.youtube.com/watch?v=7RtBUEZbKmI&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=83>Transformer Calculations<https://www.youtube.com/watch?v=IxqUjM8cOcU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=84>Electromagnetism summary Isaac Physics <https://youtu.be/9-O7hF8FLCs>Transformers Isaac Physics <https://youtu.be/Oy4UcbWs-Ro> | **Magnetism Foundation** [**https://CEEEOYW.exampro.net**](https://ceeeoyw.exampro.net/)Magnetism Higher[**https://HUSIROF.exampro.net**](https://husirof.exampro.net/)Magnetism Triple[**https://SONESAI.exampro.net**](https://sonesai.exampro.net/) |
| P8 Space ( Triple only content)  | Life cycle of a star: <https://www.youtube.com/watch?v=cRYu8pMg9zQ> Astronomy: How the Universe is made of Galaxies, Solar Systems, Stars and Planets<https://www.youtube.com/watch?v=AgwSdQzN4H4&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=86>What is an Orbit?<https://www.youtube.com/watch?v=cTJLYfEHIuA&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=87>What is Red Shift?<https://www.youtube.com/watch?v=bWEtm-7cYzM&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=88> | Triple Physics Only [**https://CIPOUUT.exampro.net**](https://cipouut.exampro.net/) |