

Chemistry revision for Paper 2 (Topics C6 – C10)

Actions to take:

1. Watch the overview videos, make key notes. Use your revision guide to help.
2. Watch the individual topic videos for areas that you found hard. Make flashcards/ add to notes.
3. Try the questions for each topic, marking carefully.
4. Complete the 2018 paper from the start of the sheet.

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| Further details and links: | Exam questions  |
| C6 Rate and extent of chemical changeRates of Reaction - <https://youtu.be/SPXanyy3-hU> How to Calculate the Rate of Reaction, Measuring Rate of Reaction - <https://youtu.be/GCR5xeduq2o> Factors Affecting the Rate of Reaction - <https://youtu.be/-4HXaUBbv04> Reversible Reactions and Equilibrium - <https://youtu.be/ty9TczsW5ew> Le Chatelier's Principle (Triple only)- <https://youtu.be/IYyoncESnmQ>  | QR codeC6 Triple Chemistry:[**https://CYWAOYS.exampro.net**](https://cywaoys.exampro.net/)QR codeC6 Combined Science (H): [**https://CUBANEK.exampro.net**](https://cubanek.exampro.net/)QR codeC6 Combined Science (F):[**https://HOWUEOL.exampro.net**](https://howueol.exampro.net/) |
| C7 Organic ChemistryWhat is a Hydrocarbon? What are Alkanes? Hydrocarbons and Alkanes Explained - <https://youtu.be/ykIFTtTjoso> Alkanes: properties & combustion - <https://youtu.be/F8J2FirbIxg> Fractional Distillation of Crude Oil - <https://youtu.be/CjmriZq5xRo> Cracking Crude Oil & Alkenes - <https://youtu.be/bOiYLKX9ZRY> Addition Reactions of Alkenes - <https://www.youtube.com/watch?v=83Is-rouV-U> Addition Polymers & Polymerisation <https://youtu.be/1ZUg6ZC3ltA> Alcohols - <https://www.youtube.com/watch?v=vVwLa1fRsVY> Carboxylic Acids - <https://youtu.be/ED9EU3FfzyU> Esters -<https://www.youtube.com/watch?v=cYgRd4rXY6I&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=70> Condensation Polymers (Polyester) - <https://youtu.be/U-eCXeFwTgY> Naturally Occurring Polymers - Polypeptides, DNA, and Carbohydrates - <https://www.youtube.com/watch?v=7o27fhO_nm0>  | QR codeC7 Triple Chemistry:[**https://HOOEREG.exampro.net**](https://hooereg.exampro.net/)C7 Combined Science (H): QR code[**https://GIVAMIH.exampro.net**](https://givamih.exampro.net/)C7 Combined Science (F):[**https://SONEYUV.exampro.net**](https://soneyuv.exampro.net/)QR code |
| C8 Chemical AnalysisPurity and Formulations - <https://youtu.be/-OtJI-R-4rU> Paper Chromatography - <https://www.youtube.com/watch?v=TdJ57SQ6GAQ> How to Test for Gases - Testing for Chlorine / Oxygen / Hydrogen / CO2 - <https://www.youtube.com/watch?v=bcRGfSlMIMw> Tests for Anions - Carbonate, Sulfate and Halide Ions - <https://www.youtube.com/watch?v=mWTgHjdea4Y> Flame Emission Spectroscopy (Flame Photometry) - <https://youtu.be/1BCc_RrrSSw> | QR codeC8 Triple Chemistry:[**https://VOIIROT.exampro.net**](https://voiirot.exampro.net/)QR codeC8 Combined Science (H): [**https://YUNUWEG.exampro.net**](https://yunuweg.exampro.net/)QR codeC8 Combined Science (F):[**https://REIEDEW.exampro.net**](https://reiedew.exampro.net/) |
| C9 AtmosphereEvolution of the Atmosphere - <https://youtu.be/l0h_-3M0Pso> Global Warming & Climate Change - <https://www.youtube.com/watch?v=Z_b2A-d5hGY> What is a 'Carbon Footprint'? - How to Reduce Carbon Footprint - <https://youtu.be/Mvp97__BP84> Air Pollution - <https://youtu.be/2ri95j0cShg> | QR codeC9 Triple Chemistry:[**https://EIZIUEU.exampro.net**](https://eiziueu.exampro.net/)QR codeC9 Combined Science (H): [**https://HUZYJYS.exampro.net**](https://huzyjys.exampro.net/)QR codeC9 Combined Science (F):[**https://IACAFOB.exampro.net**](https://iacafob.exampro.net/) |
| C10 Using Earth’s ResourcesWhat is Corrosion and How to Stop it - <https://www.youtube.com/watch?v=q0CAfXV-YdY> Sustainable Development - Reuse and Recycling - <https://youtu.be/obb-ZHqBw10> Life Cycle Assessments (LCAs) - <https://youtu.be/ScY_Yb1V8AY> Potable Water - <https://youtu.be/PDeiRlQvWnM> Waste Water - <https://www.youtube.com/watch?v=jLaeBykDwaM> The Haber Process Explained - <https://youtu.be/1_HoWz5Kxfk> | QR codeC10 Triple Chemistry:[**https://JUJUIIU.exampro.net**](https://jujuiiu.exampro.net/) QR codeC10 Combined Science (H): [**https://KEHOEIH.exampro.net**](https://kehoeih.exampro.net/) QR codeC10 Combined Science (F):[**https://OOKIQUL.exampro.net**](https://ookiqul.exampro.net/) |
| Required practicals paper 2:1 Rates of reactionMethod 1:<https://www.youtube.com/watch?v=Gl6LVl7oAlU&list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F&index=3> Method 2:<https://www.youtube.com/watch?v=ssa3wh3RNt0&list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F&index=4> 2 Chromatography <https://www.youtube.com/watch?v=pnTGNAfu6GE&list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F&index=2> 3 **Triple Chem** Identifying ions<https://www.youtube.com/watch?v=fCZztwJmAl0&list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F&index=8> 4 Water purification<https://www.youtube.com/watch?v=_UGHsbTEBvA&list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F&index=9>  | Paper 2 Chemistry RPAs (Combined):[**https://OUAEEAJ.exampro.net**](https://ouaeeaj.exampro.net/) QR codePaper 2 Chemistry RPAs (Triple):[**https://IICEPEI.exampro.net**](https://iicepei.exampro.net/)QR code |