



Kenilworth School & Sixth Form

Rouncil Lane, Kenilworth, CV8 1FN • Tel: 01926 859421 • Fax: 01926 513650

Web: www.ksn.org.uk • Email: Kenilworthsixthform@ksnadmin.ksn.org.uk

Head: Mr H. H. S. Abbott B.A.(Hons.), M.Ed, NLE

Senior Deputy Head/Head of Sixth Form: Mr N. Mummary

Aspiring to excellence

Kenilworth School & sixth form - Chemistry Department

Dear Parent/Guardian,

Having completed their GCSE examinations last summer students are now completing the 1st year of their A-Level Chemistry studies.

The information supplied here is aimed to inform both yourselves and your son/daughter of the expectations and opportunities for the year ahead; in deed what we can offer your son/daughter to ensure they maximise their potential in this subject but also inspire them to achieve a grade that they are personally proud of and allows the doors of their future education to open widely.

1. Examination structure – Summer 2019:

The grade students achieve will be solely based on the following internal exams sat at the end of this year which covers topics 1-10. This grade will inform the predicted grade for UCAS applications.

Paper 1: Core Inorganic & Physical Chemistry (8CH0 01) – INTERNAL EXAM

80 marks

1:30 hrs

50% weighting

Topics covered:

Topic 1 – Atomic structure & Periodic table

Topic 2 – Bonding & Structure

Topic 3 – Redox

Topic 4 – Inorganic Chemistry (Group 2 & 7)

Topic 5 – Formulae, Equations & Amounts of substance

(plus experimental methods including the 8 core practical assessments).

Paper 2: Core Organic and Physical Chemistry (8CH0 02)– INTERNAL EXAM

80 marks

1:30 hrs

50% weighting

Topics covered:

Topic 2 (repeated) – Bonding & structure

Topic 5 (repeated) – Formulae, Equations and Amounts of substance

Topic 6 – Organic Chemistry

Topic 7 – Modern analytical techniques

Topic 8 – Energetics

Topic 9 – Kinetics

Topic 10 – Equilibrium

(plus experimental methods including the 8 core practical assessments).



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2. Our Chemistry magazine and publication library:

We have a large selection of publications available for students to borrow including 'Education in Chemistry', 'New Scientist', 'The Mole' and 'Chemistry World'. We hope that students will take this opportunity to borrow these publications to stimulate their passion for Chemistry, deepen their subject knowledge, further their understanding and broaden their appreciation of the ever-evolving chemical world. Many of the articles will be linked to students' A-Level studies and will prepare them for university interviews whilst others can simply be read for enjoyment and interest.

Online magazines:

We also recommend downloading the following *Education in Chemistry* magazine which is now available as an App on iOS and Android free of charge.

App readers of each bimonthly addition will have access to themed supplements on emerging topics in chemical education.

Useful websites to support A-Level Chemistry studies:

- www.chemguide.co.uk
- www.rsc.org/campaigning-outreach
- www.knockhardy.org.uk/sci.htm

3. Revision sessions, examination practise and the past paper schedule.

We will not be running "revision sessions" this year as we find this to be of no benefit to individual students. Instead we therefore urge students to be proactive when seeking guidance. Only they will know if they do not understand a concept, a theory, an explanation or an exam question and having realised this, students must come and seek support, guidance and consolidation from any Chemistry teacher on that particular aspect.

In place of revision sessions, we will be running 'Exam paper sessions' instead. Students will be informed of the topic dates in due course and they will be expected to revise a particular topic each week and then come armed with the required knowledge to practise answering exam questions on this topic during the after school session. They will also have the opportunity to have any areas they find difficult clarified or ask any additional questions.

In addition, we urge students to follow the past paper schedule rigorously. Last year's schedule is below as an example but this year's schedule will be available for students in due course. This schedule will ensure that students complete all the necessary exam papers periodically, during the months before the exams.



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The past paper schedule (last year):

EXAM PAPER	TEACHER RESPONSIBLE FOR CHECKING / MARKING	PAPER START DATE (Wk. commence)	PAPER CHECKED/ MARKED BY TEACHER (Wk. commence)	QUESTIONS TO LEAVE
June 2013 (Unit 1)	3 lessons per week teacher	5 th March	12 th March	1, 21 (not covered yet)
June 2013 (Unit 2)	2 lessons per week teacher	12 th March	19 th March	15, 16, 22b,c, (not covered yet) 20, 24, 25b
June 2014 (Unit 1)	3	19 th March	26 th March	13, 14, 15, 16, 21a,b,c, 22dv
June 2014 (Unit 2)	2	26 th March	16 th April	9, 15 (not yet covered) 1, 17, 21di, dii, diii, div
June 2015 (Unit 1)	2	3 rd April <i>(Over Easter)</i>	16 th April	14a,b, 17g,
June 2015 (Unit 2)	3	16 th April	23 rd April	14, 20a,b,c, 21c
June 2016 (Unit 1)	2	23 rd April	30 th April	1
June 2016 (Unit 2)	3	30 th April	7 th May	2a,b,c,d, 16c,d,e
June 2017 (Unit 1)	2	7 th May	14 th May	22a
June 2017 (Unit 2)	3	14 th May	21 st May	

Thank you for your support and if you do have any questions or concerns please do not hesitate to contact myself or the class teacher.

Yours Faithfully,

Mr M. Jones

Head of Science and Head of Chemistry