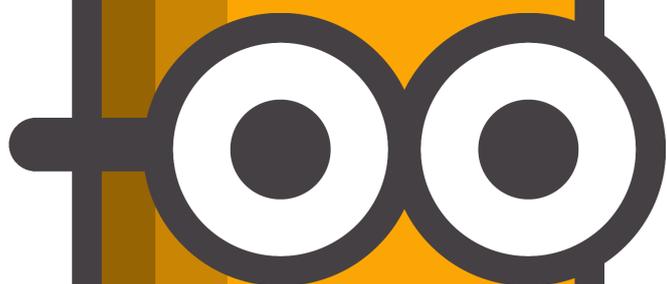


STUDY SUMMARY



Revision checklist for:

Chemistry GCSE

Designed with AQA in mind



thestudybuddy.com

STUDY SUMMARIES

These summaries cover all of the units in your exam course. It's a break down of the topics into bitesized chunks. A great way to make sure that you're on track. Use the icons to monitor your progress through our suggested revision steps.



Taught: Is this an area that you've already covered in a lesson or by independent study? This is the first step, for obvious reasons! No sense trying an exam question in something you haven't done. Be sure to check with your teacher or tutor if you find gaps.



Summarised: Summarising is a useful way of consolidating what you've been taught. This could be in note form or perhaps by talking about it out loud. Typically best to do this after being taught. And avoid transposing words from a text book. Do it from immediate memory where you can.



Flash cards: Creating flash cards is one of the most effective ways of revising. Key words, phrases, diagrams, equations or questions on one side, and the relevant explanation on the reverse. Try to keep to bullet points, rather than full descriptive text.



Self test: Whether you're checking your flashcards or taking online quizzes, self-tests are a great way of improving your retrieval. Remember to space your testing. We've left three spots, but you can always do more.



Past paper: If you've done a full past paper, or even section of a past paper to cover this area. Past papers - or full exam style questions, help you to connect the facts and knowledge in the form of full answers.



Confidence: How do you feel about this area of your course? Draw a frown, line or smile as appropriate - but do it in pencil so you can show how much more confident you're becoming!

Get Your Complete Personalised Summary

We can create these Study Summaries for all GCSE and iGCSE courses. Each one is tailored to the student's subjects and is specific to the exam board. For only £7.50 you could have all of your courses broken down and set out in this easy to use checklist.

Visit www.thestudybuddy.com/study-summaries to get yours today.

Study Summary: Chemistry - 8462

Chemical analysis

Identification of common gases



Identification of ions by chemical and spectroscopic means



Purity, formulations and chromatography



Chemical Bonding, Application Of Chemical Reactions and Organic Ch

2.4 Chemical reactions and energy



2.6 Reversible reactions, industrial processes and important chemicals



2.5 Crude oil, fuels and organic chemistry



2.1 Bonding, structure and properties



2.3 Metals and their extraction



2.2 Acids, bases and salts



Chemical changes

Acids



Electrolysis



Electrolytic processes



Reactions of acids



Reactivity of metals



Chemical changes and structure

Chemical formulae



The mole and balanced equations



Structure and bonding



Rates of reaction



Periodic table and atoms



Covalent bonding



Acids and bases



Ionic compounds



Chemical energetics

Energetics of a reaction



Energy transfer



Study Summary: Chemistry - 8462

Quantitative chemistry

Yield and atom economy of chemical reactions



Measurements, conservation of mass and equations



Concentrations of solutions in mol/dm³



Amount of substance and masses of pure substances



Amount of substance in relation to volumes of gases



Rate & extent of chemical change

Rate of reaction



Reversible reactions and dynamic equilibrium



Rates of reaction and energy changes

Heat energy changes in chemical reactions



Rates of reaction



Separate chemistry 1

Transition metals, alloys and corrosion



Quantitative analysis



Dynamic equilibria



Chemical cells and fuel cells



Separate chemistry 2

Bulk and surface properties of matter including nanoparticles



Hydrocarbons



Polymers



Qualitative analysis: tests for ions



Alcohols and carboxylic acids



Skills

Analysing and evaluating results



Obtaining results



States of matter and mixtures

Methods of separating and purifying substances



States of matter

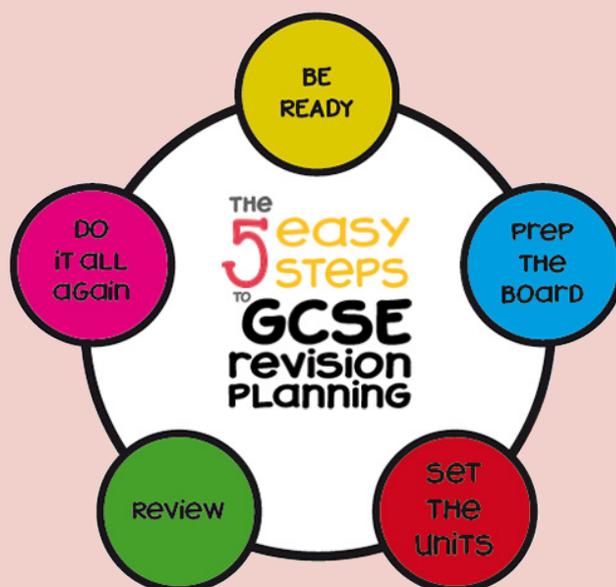


Are you using The Study Buddy to plan for success?

AS EASY AS 1, 2, 3, 4, 5...

Simple things are the best. And we've worked hard to keep our approach to revision easy to follow! This straight forward approach to revision and study will keep you on track, motivated and stress free.

1. Remove the distractions and build your backlog of work to do
2. Plan the week ahead by first marking out your commitments and social time.
3. Now allocate some of your backlog study tasks.
4. Review how the last week went, and prepare for the week ahead.
5. Keep going! Feed on the success that you've made a great start!



To find out more about our approach visit:
www.thestudybuddy.com/the-5-step-study-plan

BENEFITS INCLUDE:

- ✓ Tangible success every week
- ✓ Visual balance of free time versus study time
- ✓ Clear understanding of what has to be done
- ✓ Parents as coaches, not task masters
- ✓ Procrastination busting
- ✓ Prevents avoiding less favoured subjects
- ✓ Embeds a good mindset for life beyond school

“I thought: ‘there’s always time’. But eventually, there wasn’t. Now I’m using the Study Buddy that’s changed.



I can literally see what I’ve got to do and when I’m going to do it.”

Jake
GCSE Student



DISCOUNT COUPON 10%

PROMO-21

Get your revision well underway with our award-winning study management system. Applies across our online store.

www.thestudybuddy.com