

# Edexcel IGCSE Chemistry - Specification Checklist

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PPQs = Past paper questions

## 1 Principles of Chemistry

(a) States of matter

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.1				
1.2				
1.3				
1.4				
1.5C				
1.6C				
1.7C				

(b) Elements, compounds and mixtures

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.8				
1.9				
1.10				
1.11				
1.12				
1.13				

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(c) Atomic structure

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.14				
1.15				
1.16				
1.17				

(d) The Periodic Table

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.18				
1.19				
1.20				
1.21				
1.22				
1.23				
1.24				

(e) Chemical formulae, equations and calculations

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.25				
1.26				
1.27				
1.28				
1.29				
1.30				
1.31				
1.32				

1.33				
1.34C				
1.35C				
1.36				

(f) Ionic bonding

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.37				
1.38				
1.39				
1.40				
1.41				
1.42				
1.43				

(g) Covalent bonding

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.44				
1.45				
1.46				
1.47				
1.48				
1.49				
1.50				
1.51				

(h) Metallic bonding

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.52C				
1.53C				
1.54C				

(i) Electrolysis

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
1.55C				
1.56C				
1.57C				
1.58C				
1.59C				
1.60C				

## 2 Inorganic Chemistry

(a) Group 1 (alkali metals) - lithium, sodium and potassium

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.1				
2.2				
2.3				
2.4C				

(b) Group 7 (halogens) - chlorine, bromine and iodine

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.5				
2.6				
2.7				
2.8C				

(c) Gases in the atmosphere

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.9				
2.10				
2.11				
2.12				
2.13				
2.14				

(d) Reactivity series

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.15				
2.16				
2.17				
2.18				
2.19				
2.20				
2.21				

(e) Extraction and uses of metals

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.22C				
2.23C				
2.24C				
2.25C				
2.26C				
2.27C				

(f) Acids, alkalis and titrations

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.28				
2.29				
2.30				
2.31				
2.32				
2.33C				

(g) Acids, bases and salt preparations

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.34				
2.35				
2.36				
2.37				
2.38				
2.39				
2.40C				

2.41C				
2.42				
2.43C				

(h) Chemical tests

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
2.44				
2.45				
2.46				
2.47				
2.48				
2.49				
2.50				

### 3 Physical Chemistry

(a) Energetics

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
3.1				
3.2				
3.3				
3.4				
3.5C				
3.6C				
3.7C				
3.8				

(b) Rates of reaction

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
3.9				
3.10				
3.11				
3.12				
3.13				
3.14C				
3.15				
3.16				

(c) Reversible reactions and equilibria

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
3.17				
3.18				
3.19C				
3.20C				
3.21C				
3.22C				

## 4 Organic Chemistry

(a) Introduction

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.1				
4.2				
4.3				
4.4				



4.5				
4.6				

(b) Crude oil

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.7				
4.8				
4.9				
4.10				
4.11				
4.12				
4.13				
4.14				
4.15				
4.16				
4.17				
4.18				

(c) Alkanes

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.19				
4.20				
4.21				
4.22				

(d) Alkenes

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.23				
4.24				
4.25				
4.26				
4.27				
4.28				

(e) Alcohols

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.29C				
4.30C				
4.31C				
4.32C				
4.33C				

(f) Carboxylic acids

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.34C				
4.35C				
4.36C				
4.37C				

(g) Esters

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.38C				
4.39C				
4.40C				
4.41C				
4.42C				
4.43C				

(h) Synthetic polymers

Specification Point	Topic covered?	Flashcards made?	Flashcards memorised?	PPQs done?
4.44				
4.45				
4.46				
4.47				
4.48C				
4.49C				
4.50C				