

Science Trilogy Curriculum Map (Year 11)

CHEMISTRY AQA [2022 – 2023]



GCSE
EXAMS

Finalising exam technique

Mark schemes
6 mark responses
Command words
Interpreting tables
Graph skills

Review of paper 2
required practical

Rates of reaction
Chromatography
Water

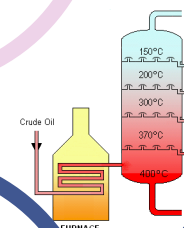
Review of paper 1 required
practical

Making soluble salts
Electrolysis
Temperature changes

MOCK EXAM
Paper 2

The Atmosphere

Theories of the early
atmosphere
Explaining changes in the
atmosphere over time
The greenhouse effect and
global warming
Other pollutants from fuels



Paper 2
revision

Rates of reaction

Affect rates of reaction
Determine rates of
reaction from
investigation and data
Explain rates of reaction
using particle model

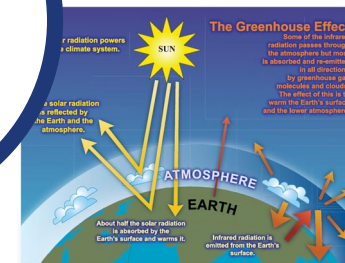
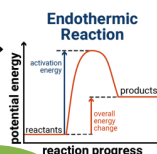
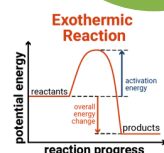
Organic chemistry

Crude oil
Drawing and naming alkanes
Properties of fractions
Fractional distillation
Cracking

Chemical analysis

Pure substances,
mixtures and
formulations
Chromatography method
and analysis
Gas tests

Paper 1
moving
forwards
activities



MOCK EXAM
Paper 1

Paper 1 review

The atom and periodic table
Structure and Bonding
Quantitative chemistry
Chemical change
Energy changes

Topic 10
Assessment

Recycling

Describing stages and
looking at the advantages and
disadvantages of recycling
plastics, metals and glass
LCA's
Evaluating data on
paper/plastic bags

Topic 10: Using resources

Sustainable development:
Identifying and managing
finite resources

Potable water: Treatment of
rain water, sea water and
waste water



Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Period 1	1	2																
Period 2	3	4																
Period 3	11	12																
Period 4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Period 5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Period 6	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
Period 7	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Period 8	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104