Topic	Subtopics	Marks allocated Paper 2 (HL)						
		2016 Specimen	2016 May	2016 Nov	2017 May TZ 1	2017 May TZ 2	Experimental probability for 2018 May % content	
Topic 1 Stoichiometric relationships	1.1 The nature of matter	2	2	3	3	1	2%	NOTES FOR
	1.2 The mole	4	5	7	2	3	4%	Fixed topics
	1.3 Mass and volume	4	3	4	4	6	4%	Did my best
Topic 2 Atomic structure	2.1 The nuclear atom		1	1	1		1%	Questions v
	2.2 Electron configuration	2	2	3	3	2	3%	Lots of ques
	12.1 Electrons in atoms HL	2	3		1		1%	More than
Topic 3 Periodicity	3.1 Periodic table						0%	I predict thi
	3.2 Periodic trends	1	2	2	1	5	2%	1.3 relies o
	13.1 First-row d-block elements HL		2		1		1%	Highly integ
	13.2 Coloured complexes HL	2	1	2	4	3	3%	Missed 2 m
Topic 4 Chemical bonding and structure	4.1 Ionic bonding and structure			2	2		1%	
	4.2 Covalent bonding						0%	
	4.3 Covalent structures	3	3	1	3	8	4%	VSEPR secti
	4.4 Intermolecular forces	4	1	2		3	2%	TZ2 paper c
	4.5 Metallic bonding				3		1%	
	14.1 Further aspects of covalent bonding and structure HL	11	4	4		2	4%	Didn't do a
	14.2 Hybridization HL		1	2			1%	
Topic 5 Energetics and thermochemistry	5.1 Measuring energy changes				1	2	1%	
	5.2 Hess's law		1			2	1%	
	5.3 Bond enthalpies	5	3	5	5	2	4%	
	15.1 Energy cycles HL		4		2		1%	
	15.2 Entropy and spontaneity HL	3	5	4	5	6	5%	This one all
Topic 6 Chemical kinetics	6.1 Collision theory and rates of reaction	2	7	4	5	4	5%	
	16.1 Rate expression and reaction mechanism HL	2	4	7	4	3	4%	
	16.2 Activation energy HL	3				3	1%	
Topic 7 Equilibrium	7.1 Equilibrium	3	1	3	2	2	2%	
	17.1 The equilibrium law HL					1	0%	
Topic 8 Acids and bases	8.1 Theories of acids and bases		3			2	1%	
	8.2 Properties of acids and bases					2	0%	
	8.3 The pH scale			1			0%	

	8.4 Strong and weak acids and bases			1			0%	
	8.5 Acid deposition	3	3				1%	
	18.1 Lewis acids and bases HL		2				0%	
	18.2 Calculations involving acids and bases HL	7	4	3	4	4	5%	
	18.3 pH curves HL			5			1%	
Topic 9 Redox processes	9.1 Redox calculations	4	2	2	8	5	4%	Lots of que
	9.1 Titration calculations						0%	BE GOOD A
	9.1 The Winkler method						0%	
	9.2 Voltaic cells						0%	
	9.2 Electrolytic cells			5			1%	
	19.1 Cell potentials HL		3	5		1	2%	
	19.1 Gibbs HL				3	2	1%	
	19.1 Products of electrolysis HL						0%	
Topic 10 Organic chemistry	10.1 Fundamentals of organic chemistry	2	3	1	2	1	2%	
	10.2 Functional group chemistry			4	6	6	3%	
	20.1 Types of organic reactions HL	7	7	7	9	3	7%	
	20.2 Synthetic routes HL						0%	
	20.3 Stereoisomerism HL	5	3	2		3	3%	Didn't do a
Topic 11 Measurement and data processing	11.1 Uncertainties and errors				1	2	1%	
	11.2 Graphical techniques						0%	
	11.3 Spectroscopy	4	4		1		2%	
	21.1 Spectroscopy HL	2	2	2	5	6	4%	
Nature of Science NOS		2	4	1	2		2%	Lots of Qs c
		89	95	95	93	95		

While you h

Highlighted sections add up to 76% Close to HL cutoff

: VIDEO
s to match syllabus numbers 16.1 etc.
t to fit in curriculum
very mixed
stions starting with asking for formula! - go back an know naming/writing ionic and covalent compounds
one question asking about safety of the chemicals
is test STUNG - not knowing jnr science nomclature
n 1.2
grated - had to refer to syllabus more than I thought I would
arks

ion here
comparing all types of bonds for conductivity cant be put in one section

big sigma pi section TZ1 paper this year

ows to test previous concepts

stions asking for formula often involving redox half equation, shapes and bonding

.T REDOX HALF REACTIONS

bit stereoisomer section this year TZ1

ɔn Ozone integrated in Qs

ıave time, go get your basics strong, naming, writing, stoichiometry

for most years