Year 10 Summer term 2

Year 10 students will study the final topics to complete the topics examined in Biology paper 1, Chemistry paper 1 and Physics paper 1. They will then finish the term with their trial examinations, which will consist of 3 exams covering all of the content in Biology paper 1, Chemistry paper 1 and Physics paper 1.

Class	Teacher	05/06//2023 week 33	12/06/23 week 34	19/06/23 week 35	26/06/23 week 36	03/07/23 week 37	10/07/23 week 38	17/07/23 Week 39
10ns/Sc1 and 10ns/Sc2	RAS	 What is the key What happens Core practical: What are the p How can we te How do we ext What is oxidati Why is recyclin from ores? How can we de 	on and reduction in	trolysis? r sulfate. is? ls are? tals from their ores? terms of electrons? it be better than extr ctions?	action of metals	Trial Examinations		Work Experience
	OBO	 What is metable controlled? (HT What is the metable what hormone What different contraception a 	nones and where from in our bodies? olism and how is it c) enstrual cycle and s are involved? methods of are there, how hey and how do	4. How can ob	ergy change a e measure work			Work Experience

		6. What happens when we can't control our blood glucose and why might it happen?		
	JBE	 B7 Animal Coordination What are hormones and where do t What is metabolism and how is it co What is the menstrual cycle and wh What different methods of contrace and how do they work? How do we control our blood glucos What happens when we can't contra happen? 	ontrolled? (HT) at hormones are involved? eption are there, how effective are they	
10ns/Sc3 and 10ns/Sc4	HZA	 P6 Radioactivity Recap the structure of the atom. How has the model of the atom changed over time? How are electrons arranged in an atom? What is background radiation? What are the types of radiation and what are their properties? How do different atoms decay? How long is something radioactive for? How is radiation used? 	 Energy Forces and Work Done 1. How can energy change a system? 2. How can we measure work done and other forces? 3. How can we measure power? 4. How can objects effect each other at a distance or when touching? 	
10ns/Sc5	JTO	 <u>C11&12 Electrolysis and obtaining</u> <u>metals</u> 1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis? 3. Core practical: Electrolysis of copper sulfate. 	B7 Animal Coordination 1.What are hormones and where do they come from in our bodies? 2. What is metabolism and how is it controlled? (HT)	

	 What are the products of electrolysis? How can we tell how reactive metals are? How do we extract less reactive metals from their ores? What is oxidation and reduction in terms of electrons? Why is recycling used and how can it be better than extraction of metals from ores? How can we describe reversible reactions? How does the Haber process work? 	 3. What is the menstrual cycle and what hormones are involved? 4. What different methods of contraception are there, how effective are they and how do they work? 5. How do we control our blood glucose levels? 6. What happens when we can't control our blood glucose and why might it happen? 	
10ns/Sc6 CWE	 C11&12 Electrolysis and obtaining metals 1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis? 3. Core practical: Electrolysis of copper sulfate. 4. What are the products of electrolysis? 5. How can we tell how reactive metals are? 6. How do we extract less reactive metals from their ores? 7. What is oxidation and reduction in terms of electrons? 8. Why is recycling used and how can it be better than extraction of metals from ores? 9. How can we describe reversible reactions? 	 B7 Animal Coordination 1. What are hormones and where do they come from in our bodies? 2. What is metabolism and how is it controlled? (HT) 3. What is the menstrual cycle and what hormones are involved? 4. What different methods of contraception are there, how effective are they and how do they work? 5. How do we control our blood glucose levels? 6. What happens when we can't control our blood glucose and why might it happen? 	

	10. How does the Haber pro work?	cess		
BNE	 <u>P6 Radioactivity</u> 1. Recap the structure of the changed over time? 3. How are electrons arrange atom? 4. What is background radii 5. What are the types of rate and what are their properties. 6. How do different atoms 7. How long is something rate for? 8. How is radiation used? 	e atom ged in an ation? diation erties? decay?	1. H 2. H and 3. H 4. H	rgy Forces and Work Done low can energy change a system? low can we measure work done other forces? low can we measure power? low can objects effect each other distance or when touching?
10ns/Sc7 RPI	 C11&12 Electrolysis and obtaining metals 1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis? 3. Core practical: Electrolysis of copper sulfate. 4. What are the products of electrolysis? 5. How can we tell how reactive metals are? 6. How do we extract less reactive metals from their ores? 7. What is oxidation and reduction in terms of electrons? 	Energy For and Work Done 1. How ca energy change system 2. How ca we measu work done a other forces 3. How ca we measu power 4. How ca objects effect	an / e a 1? an ure and ? an ire ? an s	 B7 Animal Coordination 1. What are hormones and where do they come from in our bodies? 2. What is metabolism and how is it controlled? (HT) 3. What is the menstrual cycle and what hormones are involved? 4. What different methods of contraception are there, how effective are they and how do they work? 5. How do we control our blood glucose levels? 6. What happens when we can't control our blood glucose and why might it happen?

8. Why is recycling used	each		
and how can it be better	other at a		
than extraction of metals	distance		
from ores?	or when		
9. How can we describe	touching?		
reversible reactions?			
10. How does the Haber			
process work?			