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.

<table>
<tr><th></th><th></th><th>05/06//2023</th><th>12/06/23</th><th>19/06/23</th><th>26/06/23</th><th>03/07/23</th><th>10/07/23</th><th>17/07/23</th></tr>
<tr><th>Class</th><th>Teacher</th><th>week 33</th><th>week 34</th><th>week 35</th><th>week 36</th><th>week 37</th><th>week 38</th><th>Week 39</th></tr>
<tr><td rowspan="2">10ns/Sc1 and 10ns/Sc2</td><td>RAS</td><td colspan="4"><u>C11&12 Electrolysis and obtaining metals</u>
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?
10. How does the Haber process work?</td><td rowspan="2" colspan="2">Trial Examinations</td><td rowspan="2">Work Experience</td></tr>
<tr><td>OBO</td><td colspan="2"><u>B7 Animal Coordination</u>
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?</td><td colspan="2"><u>Energy Forces and Work Done</u>
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?</td></tr>
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		6. What happens when we can't control our blood glucose and why might it happen?	
10ns/Sc3 and 10ns/Sc4	JBE	**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?	
	HZA	**P6 Radioactivity** 1. Recap the structure of the atom. 2. How has the model of the atom changed over time? 3. How are electrons arranged in an atom? 4. What is background radiation? 5. What are the types of radiation and what are their properties? 6. How do different atoms decay? 7. How long is something radioactive for? 8. 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?
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10ns/Sc6	CWE	**<u>C11&12 Electrolysis and obtaining metals</u>** 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?	**<u>B7 Animal Coordination</u>** 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?		

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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 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	**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?		

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