Year 8 Summer term 1

<u>8 North</u>

		17/04/2023	24/04/2023	01/05/2023	08/05/2023	15/05/2023	22/05/2023	
Class	Teacher	week 27	week 28	week 29	week 30	week 31	week 32	
	JTO	8G Metals and Their Uses						
8N/Sc1		1. What is rusting and how can it be prevented?						
		2. How do we show oxidation reactions in an equation?						
		3. How do metals and water react together?						
		4. How do we show the reactions of metals and water in an equation?						
		5. How do metals and acid react together?						
		6. How do we show the reactions of metals and acids in an equation?						
		7. What are the properties of pure metals?						
		8. What is an alloy and what are its properties?						
	CWE/OBO	8C Gas Exchange and Respiration						
		1. How are the lungs specialised for their function?			8D Microorganisms			
		2. How is gas exchanged in the lungs?			1. How do we classify microorganisms?			
		3. Investigate how peak flow and height are related.			2. Why	is diffusion so import	tant to	
		4. Investigate how breathing rate and heart rate are related to			micr	oorganisms?		
		exercise.			How do fungi live and grow?			
		5. How are breathing rate, heart rate and exercise linked?			4. How to protoctists and algae live and grow?			
		6. How does smoking effect gas exchange?			5. How do algae use light?			
		How are gas exchange and respiration linked?			6. How	is carbon cycled thro	ugh an ecosystem?	
		8. What is anaerobic respiration?						
8C Gas Exchange and Respiration 8G Metals and Their Uses								
8N/Sc2	HZA/JBE	1. How are the lungs	1.	What is rusting and	how can it be prevente	ed?		
		specialised for their function? 2		How do we show oxidation reactions in an equation?				
		2. How is gas exchanged	3.	How do metals and water react together?				
		in the lungs?	4.	How do we show the reactions of metals and water in an equation?				
		3. Investigate how peak 5. How do metals		How do metals and	v do metals and acid react together?			
		flow and height are related. 6. He		How do we show the reactions of metals and acids in an equation?				
		4. Investigate how	7.	What are the properties of pure metals?				
		breathing rate and heart rate	8.	What is an alloy and	d what are its propertie	s?		
		are related to exercise.						

		 5. How are breathing rate, heart rate and exercise linked? 6. How does smoking effect gas exchange? 7. How are gas exchange and respiration linked? 8. What is anaerobic respiration? 	
8N/Sc3	*	 8C Gas Exchange and Respiration How are the lungs specialised for their function? How is gas exchanged in the lungs? Investigate how peak flow and height are related. Investigate how breathing rate and heart rate are related to exercise. How are breathing rate, heart rate and exercise linked? How does smoking effect gas exchange? How are gas exchange and respiration linked? What is anaerobic respiration? 	 8G Metals and Their Uses What is rusting and how can it be prevented? How do we show oxidation reactions in an equation? How do metals and water react together? How do we show the reactions of metals and water in an equation? How do metals and acid react together? How do we show the reactions of metals and acids in an equation? What are the properties of pure metals? What is an alloy and what are its properties?

<u>8 South</u>

		17/04/2023	24/04/2023	01/05/2023	08/05/2023	15/05/2023	22/05/2023
Class	Teacher	week 27	week 28	week 29	week 30	week 31	week 32
85/Sc1	YSM	8C Gas Exchange and Respiration				8D Microorganisms	
		 How are the lungs specialised for their function? 				1. How do we classify	
		2. How is gas exchanged in the lungs?				microorganis	ms?
		3. Investigate how peak flow and height are related.				2. Why is diffus	ion so important to
		4. Investigate how breathing rate and heart rate are related to exercise.				microorganis	ms?
		5. How are breathing rate, heart rate and exercise linked?				3. How do fungi	live and grow?
		6. How does smoking effect gas exchange?			4. How to proto	ctists and algae live	
		7. How are gas exchange and respiration linked?			and grow?		

		8. What is anaerobic respiration?	 How do algae use light? How is carbon cycled through an ecosystem? 				
	JTO/BNE	8G Metals and Their Uses					
		1. What is rusting and how can it be prevented?					
		2. How do we show oxidation reactions in an equation?					
		3. How do metals and water react together?					
		4. How do we show the reactions of metals and water in	an equation?				
		5. How do metals and acid react together?					
		6. How do we show the reactions of metals and acids in	an equation?				
		7. What are the properties of pure metals?					
		8. What is an alloy and what are its properties?					
8S/Sc2	OBO	 8G Metals and Their Uses 1. What is rusting and how can it be prevented? 2. How do we show oxidation reactions in an equation? 3. How do metals and water react together? 4. How do we show the reactions of metals and water in 5. How do metals and acid react together? 6. How do we show the reactions of metals and acids in 7. What are the properties of pure metals? 8. What is an alloy and what are its properties? 	BD Microorganisms 1. How do we classify microorganisms?2. Why is diffusion so important to microorganisms?3. How do fungi live and grow?4. How to protoctists and algae live and grow?5. How do algae use light?6. How is carbon cycled through an ecosystem?				
8S/Sc3	HZA	 Metals and Their Uses 1. What is rusting and how can it be prevented? 2. How do we show oxidation reactions in an equation? 3. How do metals and water react together? 4. How do we show the reactions of metals and water in an equation? 5. How do metals and acid react together? 6. How do we show the reactions of metals and acids in an equation? 7. What are the properties of pure metals? 8. What is an alloy and what are its properties? 					
	BNE	BK Transferring Energy8D Microorganisms 1. How does temperature change?1. How do we classify 2. Why is diffusion so 3. How do fungi live at	microorganisms? important to microorganisms? nd grow?				

2. How is energy	4. How to protoctists and algae live and grow?
transferred by radiation?	5. How do algae use light?
3. How is energy	6. How is carbon cycled through an ecosystem?
transferred by particles?	
4. What are conductors	
and insulators?	
5. How can we control	
energy transfers?	
6. What makes machines	
efficient?	
7. How do we pay for	
energy?	