Year 8 Spring term 1

Year 8 students will study one of each topic from biology, chemistry and physics this half term. These will be taught in different orders for each class so they can use all of the practical equipment they need throughout the topics.

<u>7 North</u>

		02/01/2023						
		Bank Hol and Inset	09/01/2023	16/01/2023	23/01/2023	30/01/2023	06/02/2023	
Class	Teacher	week 15	week 16	week 17	week 18	week 19	week 20	
		8J Light						
8N/Sc1		1. How do we see of	bjects?					
		2. How do mirrors work?						
	JTO	3. What is refraction?						
		4. How do lenses affect light rays?						
		5. How are cameras	and eyes similar?					
		6. How do we see colour and how does colour behave?						
					<u>8F Periodic Table</u>			
		8B Plants and their reproduction			1. What is the first model of the atom?			
		1. How do we classify	organisms?		2. What are the ph	ysical trends in the perio	odic table?	
		2. How do we investigate populations?		3. What are the properties of metals and non-metals?				
	CWE/OBO	3. How do plant reproduce?			4. Which alkali metal is the most reactive and why?			
		4. How are flowers pollinated?			5. What are the properties of the halogens?			
		5. What is inside a see	ed?		6. How has the per	iodic table changed ove	r time?	
		6. How can seeds be o	dispersed?		7. How do we know	v if a chemical reaction	has happened?	
					8. How do metal a	nd non-metal oxides rea	ct?	

	HZA	8B Plants and their reprodu	<u>ction</u>	<u>8J Light</u>		
		1. How do we classify organisms?		7. How do we see objects?		
		2. How do we investigate populations?		8. How do mirrors work?		
		3. How do plant reproduce?		9. What is refraction?		
		4. How are flowers pollinated?		10. How do lenses affect light rays?		
		5. What is inside a seed?		11. How are cameras and eyes similar?		
		6. How can seeds be dispersed?		12. How do we see colour and how does colour behave?		
8N/Sc2	JBE	8F Periodic Table 1. What is the first model of the atom? 2. What are the physical trends in the periodic table? 3. What are the properties of metals and non-metals? 4. Which alkali metal is the most reactive and why? 5. What are the properties of the halogens? 6. How has the periodic table changed over time? 7. How do we know if a chemical reaction has happened? 8. How do metal and non-metal oxides react?				
8N/Sc3	SHN	 <u>8B Plants and their reproduction</u> 1. How do we classify organisms? 2. How do we investigate populations? 3. How do plant reproduce? 4. How are flowers pollinated? 5. What is inside a seed? 6. How can seeds be dispersed? 	 What is the first m What are the phy periodic table? What are the proposition on-metals? Which alkali metal and why? What are the proposition of the periodic table? Which alkali metal and why? What are the proposition of the periodic table? How has the periodic table? How do we know has happened? How do metal and the periodic table? 	dic Table nodel of the atom? sical trends in the perties of metals and I is the most reactive perties of the odic table changed if a chemical reaction and non-metal oxides eact?	8J Light 13. How do we see objects? 14. How do mirrors work? 15. What is refraction? 16. How do lenses affect light rays? 17. How are cameras and eyes similar? 18. How do we see colour and how does colour behave?	

<u>7 South</u>

		02/01/2023 Bank Hol and Inset	09/01/2023	16/01/2023	23/01/2023	30/01/2023	06/02/2023
Class	Teacher	week 15	week 16	week 17	week 18	week 19	week 20
85/Sc1	SHN	<u>8B Plants and th</u> 1. How do we classify 2. How do we investig 3. How do plant repro 4. How are flowers po 5. What is inside a see 6. How can seeds be o	eir reproduction organisms? ate populations? duce? Ilinated? ed? lispersed?	8J Light 19. How do we see objects? 20. How do mirrors work? 21. What is refraction? 22. How do lenses affect light rays? 23. How are cameras and eyes similar? 24. How do we see colour and how does colour behave?		 8F Periodic Table 1. What is the first model of the atom? 2. What are the physical trends in the periodic table? 3. What are the properties of metals and non-metals? 4. Which alkali metal is the most reactive and why? 5. What are the properties of the halogens? 6. How has the periodic table changed over time? 7. How do we know if a chemical reaction has happened? How do metal and non-metal oxides react? 	
8S/Sc2	ОВО	<u>8B Plants and th</u> 1. How do we classify 2. How do we investig 3. How do plant repro 4. How are flowers po 5. What is inside a see 6. How can seeds be o	eir reproduction organisms? ate populations? duce? llinated? ed? lispersed?	 <u>8F Period</u> What is the first n What are the phy periodic table? What are the prop non-metals? Which alkali meta and why? What are the prop halogens? How has the period over time? How do we know has happened? How do metal and react? 	dic Table nodel of the atom? sical trends in the perties of metals and all is the most reactive perties of the odic table changed if a chemical reaction d non-metal oxides	<u>8J Light</u> 25. How do we see objects? 26. How do mirrors work? 27. What is refraction? 28. How do lenses affect light rays? 29. How are cameras and eyes similar? 30. How do we see colour and how does colour behave?	

		<u>8F Periodic Table</u>				
		1. What is the first model of the atom?	<u>8J Light</u>			
		2. What are the physical trends in the periodic table?	31. How do we see objects?			
		3. What are the properties of metals and non-metals?	32. How do mirrors work?			
	HZA	4. Which alkali metal is the most reactive and why?	33. What is refraction?			
		5. What are the properties of the halogens?	34. How do lenses affect light rays?			
		6. How has the periodic table changed over time?	35. How are cameras and eyes similar?			
8S/Sc3		7. How do we know if a chemical reaction has happened?	36. How do we see colour and how does colour behave?			
		8. How do metal and non-metal oxides react?				
		8B Plants and their reproduction				
		1. How do we classify organisms?				
		2. How do we investigate populations?				
	BNE	3. How do plant reproduce?				
		4. How are flowers pollinated?				
		5. What is inside a seed?				
		6. How can seeds be dispersed?				