Year 8 Spring term 2

Year 8 students will complete their purple assessments followed by studying one of each topic from biology 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.

8 North

Class	Teacher	20/02/2023 week 21	27/02/2023 week 22	06/03/2023 week 23	13/03/2023 week 24	20/03/2023 week 25	27/03/2023 week 26	
8N/Sc1	JTO CWE/OBO	PAZ		 8K Transferring Energy How does temperature change? How is energy transferred by radiation? How is energy transferred by particles? What are conductors and insulators? How can we control energy transfers? What makes machines efficient? How do we pay for energy? BC Gas Exchange and Respiration				
8N/Sc2	HZA	PAZ 8K Transferr 1. How 2. How 3. How 4. Wha 5. How 6. Wha			ring Energy w does temperature change? w is energy transferred by radiation? w is energy transferred by particles? at are conductors and insulators? w can we control energy transfers? at makes machines efficient? w do we pay for energy?			

JBE		8C Gas Exchange and Respiration 1. How are the lungs specialised for their function? 2. How is gas exchanged in the lungs? 3. Investigate how peak flow and height are related. 4. Investigate how breathing rate and heart rate 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 SHN	PAZ	 8K Transferring Energy How does temperature change? How is energy transferred by radiation? How is energy transferred by particles? What are conductors and insulators? How can we control energy transfers? What makes machines efficient? How do we pay for energy? 	 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? 		

8 South

Class	Teacher	02/01/2023 Bank Hol and Inset week 15	09/01/2023 week 16	16/01/2023 week 17	23/01/2023 week 18	30/01/2023 week 19	06/02/2023 week 20
85/Sc1	SHN	PAZ		8K Transferring Energy 1. How does temperature change? 2. How is energy transferred by radiation? 3. How is energy 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?		 week 19 week 20 8C Gas Exchange and Respiration 1. How are the lungs specialised for their function? 2. How is gas exchanged in the lungs? 3. Investigate how peak flow and height are related. 4. Investigate how breathing rate and heart rate 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? 	
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			3. How is energy transferred by particles?4. What are conductors and insulators?5. How can we control energy transfers?			
8S/Sc3			6. What makes machines efficient? 7. How do we pay for energy?			
85/503			 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? 			