

Year 7 Spring term 1

Year 7 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.

7 North

Class	Teacher	02/01/2023 Bank Hol and Inset	09/01/2023	16/01/2023	23/01/2023	30/01/2023	06/02/2023
		week 15	week 16	week 17	week 18	week 19	week 20
7A	JTO	<u>7J Current and Electricity</u> 1.How do we represent circuits? 2.What is a model and why are models good for circuits? 3. What is current and how do we measure it? 4. What are the similarities and differences between series and parallel circuits? 5. When do we need to use parallel circuits? 6. How do we stay safe when using electricity? 7. How do we wire plugs to stay safe at home?		<u>7F Acids and Alkalis</u> 1. How do we know if things in the lab are dangerous? 2.How can we tell acids and alkalis apart? 3.How can we make an indicator? 4.How does pH relate to acidity and alkalinity? 5.What happens when we mix and acid and an alkali? 6.How can we use acids and alkalis every day?		<u>7C Muscles and Bones</u> 1. How do muscles help you breathe? 2. What is your blood made up of? 3. What is your skeleton made up of? 4. How do joints work? 5. How do muscles and joints make you move? 6. How do your muscles work together to move? 7. What are drugs? 8. How do drugs affect your reaction time? 9. How do drugs affect your body?	
7E	OBO	<u>7C Muscles and Bones</u> 1. How do muscles help you breathe? 2. What is your blood made up of? 3. What is your skeleton made up of? 4. How do joints work? 5. How do muscles and joints make you move? 6. How do your muscles work together to move? 7. What are drugs? 8. How do drugs affect your reaction time? 9. How do drugs affect your body?			<u>7J Current and Electricity</u> 1.How do we represent circuits? 2.What is a model and why are models good for circuits? 3. What is current and how do we measure it? 4. What are the similarities and differences between series and parallel circuits? 5. When do we need to use parallel circuits? 6. How do we stay safe when using electricity? 7. How do we wire plugs to stay safe at home?		
	BNE	<u>7F Acids and Alkalis</u> 1. How do we know if things in the lab are dangerous? 2.How can we tell acids and alkalis apart? 3.How can we make an indicator? 4.How does pH relate to acidity and alkalinity? 5.What happens when we mix and acid and an alkali? 6.How can we use acids and alkalis every day?					

7J	RPI	<p><u>7C Muscles and Bones</u></p> <ol style="list-style-type: none"> 1. How do muscles help you breathe? 2. What is your blood made up of? 3. What is your skeleton made up of? 4. How do joints work? 5. How do muscles and joints make you move? 6. How do your muscles work together to move? 7. What are drugs? 8. How do drugs affect your reaction time? 9. How do drugs affect your body? 	<p><u>7F Acids and Alkalis</u></p> <ol style="list-style-type: none"> 1. How do we know if things in the lab are dangerous? 2. How can we tell acids and alkalis apart? 3. How can we make an indicator? 4. How does pH relate to acidity and alkalinity? 5. What happens when we mix an acid and an alkali? 6. How can we use acids and alkalis every day?
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7 South

		02/01/2023 Bank Hol and Inset	09/01/2023	16/01/2023	23/01/2023	30/01/2023	06/02/2023
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7M	JTO	<u>7J Current and Electricity</u> 1.How do we represent circuits? 2.What is a model and why are models good for circuits? 3. What is current and how do we measure it? 4. What are the similarities and differences between series and parallel circuits? 5. When do we need to use parallel circuits? 6. How do we stay safe when using electricity? 7. How do we wire plugs to stay safe at home?			<u>7F Acids and Alkalis</u> 1. How do we know if things in the lab are dangerous? 2.How can we tell acids and alkalis apart? 3.How can we make an indicator? 4.How does pH relate to acidity and alkalinity? 5.What happens when we mix and acid and an alkali? 6.How can we use acids and alkalis every day?		
	CWE	<u>7C Muscles and Bones</u> 1. How do muscles help you breathe? 2. What is your blood made up of? 3. What is your skeleton made up of? 4. How do joints work? 5. How do muscles and joints make you move? 6. How do your muscles work together to move? 7. What are drugs? 8. How do drugs affect your reaction time? 9. How do drugs affect your body?					
7P	SHN	<u>7F Acids and Alkalis</u> 1. How do we know if things in the lab are dangerous? 2.How can we tell acids and alkalis apart? 3.How can we make an indicator? 4.How does pH relate to acidity and alkalinity? 5.What happens when we mix and acid and an alkali? 6.How can we use acids and alkalis every day?			<u>7J Current and Electricity</u> 1.How do we represent circuits? 2.What is a model and why are models good for circuits? 3. What is current and how do we measure it? 4. What are the similarities and differences between series and parallel circuits? 5. When do we need to use parallel circuits? 6. How do we stay safe when using electricity? 7. How do we wire plugs to stay safe at home?		
	OBO	<u>7C Muscles and Bones</u> 1. How do muscles help you breathe? 2. What is your blood made up of? 3. What is your skeleton made up of? 4. How do joints work? 5. How do muscles and joints make you move? 6. How do your muscles work together to move? 7. What are drugs? 8. How do drugs affect your reaction time? 9. How do drugs affect your body?					

7S	JBE	<p><u>7J Current and Electricity</u></p> <ol style="list-style-type: none"> 1.How do we represent circuits? 2.What is a model and why are models good for circuits? 3. What is current and how do we measure it? 4. What are the similarities and differences between series and parallel circuits? 5. When do we need to use parallel circuits? 6. How do we stay safe when using electricity? 7. How do we wire plugs to stay safe at home? 	<p><u>7F Acids and Alkalis</u></p> <ol style="list-style-type: none"> 1. How do we know if things in the lab are dangerous? 2.How can we tell acids and alkalis apart? 3.How can we make an indicator? 4.How does pH relate to acidity and alkalinity? 5.What happens when we mix an acid and an alkali? 6.How can we use acids and alkalis every day?
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