Year 7 Summer term 1

Year 7 students will study one of each topic from 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.

		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
7А	OTL	 7K Forces What are forces? What is weight? Investigating springs. Investigating friction. What is pressure? What happens when forces are balanced or unbalanced? 	 Week 28 Week 29 7D Ecosystems How can organisms be different to each other? How can we measure variation? How can organisms be suited to their environment? How does an organisms environment cause changes in the organism? How do organisms affect each other? How does energy and matter transfer in a food chain? 		Week 30 Week 31 Week 32 7G Particle model 1. What are the states of matter? 2. What is particle theory? 3. What makes particles move? 4. How do particles spread out? 5. How do gas particles interact with objects?		
7E	OBO/JBE BNE	7G Particle model 1. What are the states of matter? 2. What is particle theory? 3. What makes particles move? 4. How do particles spread out? 5. How do gas particles interact with objects? 7D Ecosystems 1. How can organisms be different to each other? 2. How does an organisms be suited to their environment? 4. How do organisms affect each other? 6. How does an organisms affect each other? 6. How does energy and matter transfer in a food chain?			nd on earth? -metals? on? mpounds? position change compou emical reactions? ganism?	unds?	
7J	RPI	7G Particle model 1. What are the states of m	atter?		7D Ecosystems 1. How can organ	nisms be different to eac	ch other?

		 What is particle theory? What makes particles move? How do particles spread out? How do gas particles interact with objects? 			 How How How How How How How 	can we measure variation? can organisms be suited to their environment? does an organisms environment cause changes do organisms affect each other? does energy and matter transfer in a food chai	' s in the organism? in?
	CWE	 7K Forces What are forces? What is weight? Investigating springs. Investigating friction. What is pressure? What happens when forces are balanced or unbalanced? 	 What elem What are n What is a c How do we How does t What are t What is air 	nents can we find on e metals and non-metal chemical reaction? e make new compoun thermal decompositio the types of chemical r made up of?	earth? ls? nds? on change co reactions?	:ompounds?	
7M	JTO	 7K Forces 1. What are forces? 2. What is weight? 3. Investigating springs. 4. Investigating friction. 5. What is pressure? 6. What happens when forces are balanced or unbalanced? 		Atoms What elements can we find on earth? What are metals and non-metals? What is a chemical reaction? How do we make new compounds? How does thermal decomposition change compounds? What are the types of chemical reactions? What is air made up of? 			
	CWE	 7G Particle model 1. What are the states of matter? 2. What is particle theory? 3. What makes particles move? 4. How do particles spread out? 5. How do gas particles interact with objects? 		 7D Ecosystems 1. How can organisms be different to each other? 2. How can we measure variation? 3. How can organisms be suited to their environment? 4. How does an organisms environment cause changes in the organism? 5. How do organisms affect each other? 6. How does energy and matter transfer in a food chain? 			;m?
7P	YSM	 7D Ecosystems How can organisms be different to each other? How can we measure variation? How can organisms be suited to their environment? How does an organisms environment cause changes in the organism? How do organisms affect each other? How does energy and matter transfer in a food chain? 					

	ОВО	 7G Particle model 1. What are the states of matter? 2. What is particle theory? 3. What makes particles move? 4. How do particles spread out? 5. How do gas particles interact with objects? 	Atoms 1. What elements can we find on earth? 2. What are metals and non-metals? 3. What is a chemical reaction? 4. How do we make new compounds? 5. How does thermal decomposition change compounds? 6. What are the types of chemical reactions? 7. What is air made up of?				
75	JBE	 7K Forces 1. What are forces? 2. What is weight? 3. Investigating springs. 4. Investigating friction. 5. What is pressure? 6. What happens when forces are balanced or unbalanced? 	 Atoms 1. What elements can we find on earth? 2. What are metals and non-metals? 3. What is a chemical reaction? 4. How do we make new compounds? 5. How does thermal decomposition change compounds? 6. What are the types of chemical reactions? 7. What is air made up of? 				
	RPI	 7D Ecosystems How can organisms be different to each other? How can we measure variation? How can organisms be suited to their environment? How does an organisms environment cause changes in the organism? How do organisms affect each other? How does energy and matter transfer in a food chain? 					