

Year 8 – Science Autumn Term 1

Biology Unit 3: 7C Muscles and Bones, 8C Breathing and Respiration			
Biology Unit 3	7C Muscles and Bones	Week 1	How do muscles help you breathe?
			What is your blood made up of?
			What is your skeleton made up of?
		Week 2	How do joints work?
			How do muscles and joints make you move?
			How do your muscles work together to move?
		Week 3	What are drugs?
			How do drugs affect your reaction time?
			How do drugs affect your body?
	8C Breathing and Respiration	Week 4	How are the lungs specialised for their function?
			How is gas exchanged in the lungs?
			Investigate how peak flow and height are related.
		Week 5	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?			
Week 6		How are gas exchange and respiration linked?	
		What is anaerobic respiration?	
Physics Unit 3: 7L Sound, 8J Light			
Physics Unit 3	7L Sound	6	How does sound move?
		Week 7	How do we measure the speed of sound?
			How do humans detect sound?
			How does sound travel through different materials?
		Week 8	How do we use sounds in different ways?
			What are waves and what are their properties? (2 lessons)