



## Topic: Pathway of Air

	Chemistry HT1	Progress		
Topic	Key ideas	R	A	G
	I can describe the mechanics of breathing – the interaction of the intercostal muscles, ribs and diaphragm in breathing.			
	I can describe the process of gaseous exchange.			
	I can explain the key terminology linking to lung volumes and interpret a spirometry trace.			

Lesson	Learning Focus	Assessment	Key Words
1	Mechanics of Breathing	Topic Test	Intercostal muscles; Ribs; Diaphragm; Inspiration; Expiration
2	Gaseous Exchange	Topic Test	Diffusion; Alveoli; Capillaries
3	Spirometer Graph	Topic Test	Tidal Volume; Inspiratory Reserve Volume; Expiratory Reserve Volume; Residual Volume
4	Exam Question Technique Practice	Peer and Teacher, Formative During lesson using model answers/KAI Scaffolding	Knowledge, Apply Impact
5	Topic Test	Summative	KAI