High Tunstall College of Science Curriculum Intent

Subject: Physics Year: 10

Magnetism and Electromagnetism



	Physics Thread	Progress			
Торіс	Key ideas	R	Α	G	
Magnetism and elec- tromagneti	I can write a method and explain how temporary magnetism can be induced.				
	I can draw a magnetic field and explain how to use the right hand grip rule				
sm	I can explain real life applications of how electromagnets make things work				
	I can explain how to magnetic fields interact to cause movement.				

Les-	Learning Focus	Assessment	Key Words	
son				
1	Explore how magnetism can be induced.	Write a method and explain how	Temporary, polarity, induced	
		temporary magnetism can be in-		
		duced . Formative questioning, exam		
L .		questions and summative tests		
2	Review of magnetic fields and field lines and	Draw a magnetic field and explain	Field Line, Pole, Mag-	
	introducing the right hand grip rule	how to use the right hand grip rule.	netism	
		Formative questioning, exam ques-		
		tions and summative tests		
3	Application of electromagnetism	Explain real life applications of how	Current, magnetic	
		electromagnets make things	field, repulsion, attrac-	
		work .Formative questioning, exam	tion, pole	
		questions and summative tests		
4	Introduction to the motor effect and Flemings left hand rule	Explain how to magnetic fields inter-	Current, magnetic	
		act to cause movement. Formative	field, repulsion, perma-	
		questioning, exam questions and	nent, temporary	
		summative tests		