



Physics - Year 10



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Forms of energy and transfer	KS4 Physics bitesize on form of energy	-
Conservation of Energy	-	Can you make a perpetual motion machine? Watch this
Renewable and renewable	-	Can be go 100% renewable? Watch this and construct a list of problems we need to overcome.

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Circuits and Mains Electricity	Make a 10 question Kahoot circuits quiz - we can use it in the lesson.	-
Static electricity	-	This short video should encourage you to get a Seneca account - visit Static electricity.
The Particle Model	Try this free version of myscience-gcse. Set up a free account and have access to Physics Particle model	The Infinite Monkey Cage - log onto bbc sounds for hundreds of amusing/educational discussions on Physics
Atomic Structure	This is a home lesson to work through	

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Forces - Balanced and unbalanced	Forces, acceleration and Newton - On Bitesize	-
Work done and energy transfer	Use your free account - myscience gcse - click on work and energy transfer	-
Forces - Pressure and moments	-	Free science lessons - watch the video and make notes or dictate what you've learned