



Homework

Checkpoint Electro magnetism

## **Year 11 Physics** Learning Programme 4

Reading texts that pupils will study during the learning programme

## oric for LP4 is Initiative

The value we are learning about is Justice and Integrity:

Justice-Fairbehaviourortreatment

Integrity - Being honest and having strong moral principles

What will I be learning about in this Learning Programme?

Students are Learning about Space, including the Solar Systemand the Fundamental Theory of the Universe. Students will discover the key ideas underpinning the Universe, and Life Cycle of a Star.

Where have I seen this learning before?

In KS3 and KS2 students have learnt about planets and the Solar System.

## What could I use it for?

In A Level Physics students study astrophysics

how to describe the formation of the Universe;

how to explain why the Sun is Stable.

how to explain what a Protostaris, and the Process of Fusion;

Week1 - The formation of the Universe, Week 3 -Supernova Formation, Week 5 - Orbits and Circular Motion







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PRFocus	KeyVocabulary	Homework
	Red Giant, Dwarf Star, Neutron Star, Lifecycle	P15 Homework Electromagnetism1
PR Fo cus	KeyVocabulary	Homework
	Pressure, Gas, Newtons, Gravity, Resultant, Motion	P15 Homework Electromagnetism2
PR Focus	KeyVocabulary	Homework
	Newtons, Gravity, Resultant, Motion, Circular, Perpendicular	Progress Quiz - Electromagnetism 1
PR Focus	KeyVocabulary	Homework
	Hubble, Expansion, Movement, Rate	Progress Quiz -Electromagnetism2
PR Focus	KeyVocabulary	Homework
	Hubble, Expansion, Movement, Rate	On your marks - Exam Skills
PR Focus	KeyVocabulary	Homework
	Hubble, Expansion, Movement, Rate, Background Radiation	Kerboodle Exam Questions
PR Focus	KeyVocabulary	Homework
		Kerboodle Exam Questions
	PRFocus PRFocus PRFocus	PR Focus  Red Giant, Dwarf Star, Neutron Star, Lifecycle  PR Focus  Rey Vocabulary Pressure, Gas, Newtons, Gravity, Resultant, Motion  PR Focus  Rey Vocabulary Newtons, Gravity, Resultant, Motion, Circular, Perpendicular  PR Focus  Rey Vocabulary Hubble, Expansion, Movement, Rate  PR Focus  Rey Vocabulary Hubble, Expansion, Movement, Rate  PR Focus  Rey Vocabulary Hubble, Expansion, Movement, Rate  PR Focus  Rey Vocabulary Hubble, Expansion, Movement, Rate, Background Radiation

PR Focus

**Kev Vocabulary** 

Universe, Hydrogen,

Helium, Fusion, Nuclear

## FFET Award Challenge for this Learning Programme:

Attend an extra-curricular club, represent the academy at an event, attend an enrichment day, receive a subject praise postcard, attend a day trip, attend a head of year breakfast or afternoon tea, achieve 100 positive points on class charts, receive a letter of commendation from SLT, be invited to awonderful Wednesday, receive a principals letter or be invited to a principals lunch, attend a residential trip, achieve the Duke of Edinburgh bronze award.