



# SCIENCE YEAR PLANNER (LTP) 2019-20-FXX-JEP

## YEAR 13 A level Physics



Term	Teacher	Learning content/skills	Assessment schedule	Home Learning Support (How students can extend learning in addition to homework)
Autumn 1	<b>Teacher 1</b> FXX – 13B3/Ph1 (4 lessons per fortnight) FXX – 13B1/Ph1 4 lessons per fortnight)	<b>Module 6 Particles and medical physics</b> - 6.1 Capacitors - 6.2 Electric Fields - 6.3 Electromagnetism	CAT for: 6.1, 6.2, 6.3 Common HW for: 6.1, 6.2, 6.3 End of unit test for: 6.1, 6.2., 6.3 (1 hour) PAG 9.1 charging and discharging a capacitor	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
	<b>Teacher 2</b> JEP – 13B3/Ph1 (5 lessons per fortnight) JEP – 13B1/Ph1 (5 lessons per fortnight)	<b>Module 5 Newtonian world and astrophysics</b> - 5.1 Thermal physics	CAT for: 5.1 Common HW for: 5.1 End of unit tests for: 5.1 (1 hour) PAG 8.2 Boyle’s Law PAG 11.2 SHC	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
Autumn 2	<b>Teacher 1</b> FXX – 13B3/Ph1 (5 lessons per fortnight) FXX – 13B1/Ph1 (5 lessons per fortnight)	<b>Module 6 Particles and medical physics</b> - 6.4 Nuclear and particle physics  Revision for PPE	CAT for: 6.4 Common HW for: 6.4 End of unit test for: 6.4(1 hour) PAG 7.2 Absorption of alpha, beta and gamma radiation	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
	<b>Teacher 2</b> JEP – 13B3/Ph1 (4 lessons per fortnight) JEP – 13B1/Ph1 (4 lessons per fortnight)	<b>Module 5 Newtonian world and astrophysics</b> - 5.2 Circular Motion - 5.3 Oscillations  Revision for PPE	CAT for: 5.2, 5.3 Common HW for: 5.2, 5.3 End of unit test for: 5.2, 5.3 (1 hour each) PAG 10.1 factors affecting SHM	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly

\*All assessments may be subject to alteration to best suit the learning needs of students.

Term	Teacher	Learning content/skills	Assessment schedule	Home Learning Support (How students can extend learning in addition to homework)
Spring 1	<b>Teacher 1</b> FXX – 13B3/Ph1 (5 lessons per fortnight) FXX – 13B1/Ph1 (5 lessons per fortnight)	<b>Module 6 Particles and medical physics</b> - 6.4 Nuclear and particle physics	CAT for: 6.4 Common HW for: 6.4 End of unit test for: 6.4(1 hour) PAG 7.2 Absorption of alpha, beta and gamma radiation	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
	<b>Teacher 2</b> JEP – 13B3/Ph1 (4 lessons per fortnight) JEP – 13B1/Ph1 (4 lessons per fortnight)	<b>Module 5 Newtonian world and astrophysics</b> - 5.4 Gravitational Fields Module 5  <b>Newtonian world and astrophysics</b> - 5.5 Astrophysics and cosmology	CAT for: 5.4 Common HW for: 5.4 End of unit test for: 5.4 (1 hour) CAT for: 5.5 Common HW for: 5.5 End of unit test for: 5.5 (1 hour)	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
Spring 2	<b>Teacher 1</b> FXX – 13B3/Ph1 (5 lessons per fortnight) FXX – 13B1/Ph1 (5 lessons per fortnight)	<b>Revision for A level exams and consolidation of the course</b>		Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
	<b>Teacher 2</b> JEP – 13B3/Ph1 (4 lessons per fortnight) JEP – 13B1/Ph1 (4 lessons per fortnight)	<b>Newtonian world and astrophysics</b> - 5.5 Astrophysics and cosmology  <b>Revision for A level exams and consolidation of the course</b>	CAT for: 5.5 Common HW for: 5.5 End of unit test for: 5.5 (1 hour)	Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly

Term	Teacher	Learning content/skills	Assessment schedule	Home Learning Support (How students can extend learning in addition to homework)
Summer 1	<b>Teacher 1</b> FXX – 13B3/Ph1 (5 lessons per fortnight) FXX – 13B1/Ph1 (5 lessons per fortnight)	Revision for A level exams and consolidation of the course		Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly -Revision Booklets
	<b>Teacher 2</b> JEP – 13B3/Ph1 (4 lessons per fortnight) JEP – 13B1/Ph1 (4 lessons per fortnight)	Revision for A level exams and consolidation of the course		Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly -Revision Booklets
<b>A level exams and exam leave</b>				
Summer 2	Teacher 1			Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly
	Teacher 2			Access to past paper questions via Firefly pages and also access to all lesson resources via Firefly