



SCIENCE YEAR PLANNER (LTP)

YEAR 11 CHEMISTRY (triple science)



Term	Learning content/skills	Assessment Schedule*	Home Learning Support (How students can extend learning in addition to homework)
Autumn 1	4.8 Chemical analysis <ul style="list-style-type: none">4.8.1 Purity, formulations and chromatography4.8.2 Identification of common gases4.8.3 Identification of ions by chemical and spectroscopic means	4.7 and 4.8 Organic chemistry and chemical analysis end of topic test	<ul style="list-style-type: none">DoddlePurchase of relevant revision guideBBC BitesizeProduction of revision aidsCompletion of relevant past exams questions
Autumn 2	4.9 Chemistry of the atmosphere <ul style="list-style-type: none">4.9.1 The composition and evolution of the Earth's atmosphere4.9.2 Carbon dioxide and methane as greenhouse gases4.9.3 Common atmospheric pollutants and their sources	4.9 Chemistry of the atmosphere end of topic test	<ul style="list-style-type: none">DoddlePurchase of relevant revision guideBBC BitesizeProduction of revision aidsCompletion of relevant past exams questions
Spring 1	4.10 Using resources <ul style="list-style-type: none">4.10.1 Using the Earth's resources and obtaining potable water4.10.2 Life cycle assessment and recycling4.10.3 Using materials4.10.4 The Haber process and the use of NPK fertilisers	4.10 using resources end of topic test	<ul style="list-style-type: none">DoddlePurchase of relevant revision guideBBC BitesizeProduction of revision aidsCompletion of relevant past exams questions

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

Term	Learning content/skills	Assessment Schedule*	Home Learning Support (How students can extend learning in addition to homework)
Spring 2	<ul style="list-style-type: none"> • Revision of year 10 		<ul style="list-style-type: none"> • Doodle • Purchase of relevant revision guide • BBC Bitesize • Production of revision aids • Completion of relevant past exams questions
Summer 1	<ul style="list-style-type: none"> • Revision of year 11 		<ul style="list-style-type: none"> • Doodle • Purchase of relevant revision guide • BBC Bitesize • Production of revision aids • Completion of relevant past exams questions
Summer 2	<ul style="list-style-type: none"> • Chemistry exams 		<ul style="list-style-type: none"> • Doodle • Purchase of relevant revision guide • BBC Bitesize • Production of revision aids • Completion of relevant past exams questions

