Year 12 - Scope and Sequence

Agriculture

Week 5 - go through exam
Week 6-7 - Evaluate a new range of technological developments
Week 8 - Evaluate methods that companies may use to market new technological developments
Week 9 - Explain reasons for adopting technologies in agriculture
- explain the need for research in the development of agricultural technologies
Week 10 - Revision
Week 1 Term 4 - Revision

Biology

Term 3	3	7	Trial exams
	4	7	Trial exams
	5	7	Module 7 Coursework
	6	7	Module 7 Coursework. Assessment task due
	7	7	Module 7 Coursework
	8	7	Module 7 Coursework
	9	7	Module 7 Coursework
	10	7	Module 7 Coursework (possible revision)
Term 4	1		REVISION, past papers,

Chemistry

Term 3	week	Module #	Content
	5	8	Students mark exams using marking criteria Module 8 classwork + FILIP videos
	6	8	Module 8 classwork + FILIP videos
	7	8	Module 8 classwork + FILIP videos
	8	8	Module 8 classwork + FILIP videos
	9	8	Module 8 classwork + FILIP videos
	10	8	Past paper question practice Holiday Homework: expectation of past paper question completion
Term 4	week	Module #	More
Term 4	1	5,6,7,8	Revision Past paper question practice

Physics

Term 3	week	Module #	Lessons	Content
Term 3	1	7,8	3	1. Quizziz and Topic test 2. Atom to universe group presentations: breaking down syllabus 3. Presentations and b/g knowledge quiz
	2	8	3	1. Cartoon strip radiation into matter timeline of events after big bang 2. Cartoon strip radiation into matter timeline of events after big bang 3. Exam revision: quizziz verb review; ppt assess question breakdown
	3		Exams	
	4		Exams	
	5	8	4	1. Students mark exams using marking criteria 2. Nucleosynthesis vid and timeline of events Hubble's expanding universe 3. INV Expanding universe and Hubble's constant 4. INV Hubble diagram redshift (hw Evidence summary ws ER Science)
	6	8 Research task due	3	1. Einstein's energ equiv eqn calculations (1.3) 2. Modelling nuclear reactions that occur in stars 1.3 1.7 (HW Life cycle of stars) 3. Origin of spectra and INV HR diagram
	7	8	4	1. HR diagram and stars ws (HW Topic review Edrolo) 2. INV Millikan's 3. Phet INV Thomson's and Rutherford scattering (HW Topic review Edrolo) 4. INV Balmer series in Hydrogen 3.2 and quantisation of hydrogen 3.3
	8	8	3	1. Structure of atom: r/v research tasks modelling and assessing 2. De Broglie's matter waves (HW Topic review Edrolo) 3. Decay of unstable nuclei 4.1 and simulation penetrating power of radiation
	9	8	4	1. INV phet alpha decay 4.1 2. INV Modelling half life and analysis 4.2 3. Phet sim nuclear fission and model uncontrolled chain rxn 1.3 4.3 4. Mass-energy in nuclear transmutations and quantitatively 4.4 4.5 4.6 (HW Topic review)
	10	8	3	1. Evidence 5.1 (HW Research task Particle accelerators 5.3) 2. Standard model 5.2 3. Make particle accelerator (HW Edrolo topic test)
Term 4	week	Module #	Lessons	More
Term 4	1	5,6,7,8	4	1. Edrolo module 8 review 2. Revision 3. Revision 4. Revision