

Trilogy Science (double award) Year 10

Test target for Year 10 is:

The physics topics taught this year will cover energy and radiation. You will be assessed on these, plus the physics you learned in year 9, in your Semester 1 test.

In chemistry you will learn about the structure and formation of chemical bonds. This is an important topic and will form the basis of your Semester 2 test.

You will then continue to study chemistry, learning about the reactivity series and how we can use this when extracting metals, as well as acids and alkalis and neutralisation. You will also learn about the calculations scientists use in order to measure chemical reactions. You will be assessed on this, plus the chemistry you learned in year 9, in your Semester 3 test.

Biology will cover the digestive system, circulatory system, disease and drug development as well as respiration and photosynthesis. You will be assessed on this, plus the other topics covered this year in your end of year exam.

N.B. Topics listed in bold will be taught this year. Topics not in bold were covered in year 9.

Assessment	Units being assessed		Working Towards Target	At Expected Target	Above Expected Target	Test grade
Semester test 1	Physics Paper 1: P1 Energy P2 Electricity P3 Particle model of matter P4 Atomic structure					
Overall semester performance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	Completing CWK to a high standard	Is a resilient learner ‘Doesn’t give up easily’	
Achieved:						

Assessment	Units being assessed		Working Towards Target	At Expected Target	Above Expected Target	Test grade
Semester test 2	C2 Structure and bonding					
Overall semester performance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	Completing CWK to a high standard	Is a resilient learner 'Doesn't give up easily'	
Achieved:						

Assessment	Units being assessed		Working Towards Target	At Expected Target	Above Expected Target	Test grade
Semester test 3	<u>Chemistry Paper 1</u> C1 Structure of the atom and the periodic table C2 Structure and bonding C3 Quantitative chemistry C4 Chemical changes C5 Energy changes					
Overall semester performance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	Completing CWK to a high standard	Is a resilient learner 'Doesn't give up easily'	
Achieved:						

Assessment	Units being assessed		Working Towards Target	At Expected Target	Above Expected Target	Test grade
End of year exam	B4 Bioenergetics B2 Organisation Plus other topics taught this year.					
Overall performance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	Completing CWK to a high standard	Is a resilient learner 'Doesn't give up easily'	
Achieved:						