



Term	Week	Topic and key teaching points	Syllabus content	Assessment
1	1	Science Inquiry Skills Ch 1.1 Studying Human Biological Science Ch 1.2 Scientific method Ch 1.3 Investigating humans Act 1.1 Hypothesising Act 1.2 Investigating how pollen causes hay fever Act 1.3 Designing controlled experiments Act 1.4 Testing a hypothesis Act 1.5 Testing the product claims for Hairnu Act 1.6 Tabulating data Act 1.6 Graphing	Course orientation Course documents and class expectations Assessment and absence procedures Resources and equipment Science Inquiry Skills – SIS1, SIS4, SIS5 Identify, research and construct questions for investigation; propose hypotheses; and predict possible outcomes Represent data in meaningful and useful ways; organise and analyse data to identify trends, patterns and relationships; qualitatively describe sources of measurement error, and uncertainty and limitations in data; and select, synthesise and use evidence to make and justify conclusions Interpret a range of scientific and media texts, and evaluate processes, claims and conclusions by considering the quality of available evidence; and use reasoning to construct scientific arguments	HOMEWORK Chapter 1 review questions
1	2	Cells and tissues Ch 2.1 Cells Ch 2.2 Cell structure Act 2.1 Observing cells Act 2.5 What size is it?	Cells and tissues – SU1, SU2 The human body is comprised of cells, tissues and organs within complex systems that work together to maintain life Cell organelles maintain life processes and require the input of materials and the removal of wastes to support efficient functioning of the cell Science Inquiry Skills – SIS4, SIS6 Conduct investigations, including using microscopy techniques, competently and methodically for the collection of valid and reliable data	HOMEWORK Chapter 2 review questions TASK ONE SIS Second-hand data analysis SIS1, SIS4, SIS5 WEIGHTING 6.5%





1	2		Select, construct and use appropriate representations, including labelled diagrams of various cells, tissues and organ systems, to communicate conceptual understanding, solve problems and make predictions	
		Cells and tissues	Cells and tissues – SU1, SU2, SU3	HOMEWORK
		Ch 2.3 Cell requirements	The human body is comprised of cells, tissues and	Chapter 2 review questions
			organs within complex systems that work together to	
		Act 2.4 Investigating diffusion through a	maintain life	
		differentially permeable membrane	Cell organelles maintain life processes and require	
			the input of materials and the removal of wastes to	
		STAWA EGGSperimenting with osmosis	support efficient functioning of the cell	
			The cell membrane separates the cell from its	
1	3		surrounding with a structure, described by the fluid	
			mosaic model, which allows for the movement of	
			materials into and out of the cell by;	
			O Diffusion	
			Facilitated diffusion Osmosis	
			 Active transport Vesicular transport (endocytosis and exocytosis)	
			Science Inquiry Skills – SIS3	
			Conduct investigations, including monitoring body	
			functions; use microscopy techniques; and perform	
			real or virtual dissection safely, competently and	
			methodically for the collection of valid and reliable	
			data	





		Cells and tissues	Cells and tissues – SU4, SU5	HOMEWORK
		Ch 2.3 Cell requirements	Factors affecting the exchange of materials across the	Chapter 2 review questions
		Ch 2.4 How cells make a body	cell membrane include;	
		·	 Surface area to volume ratios 	
		Act 2.6 Investigating surface area and volume	 Concentration gradients 	
		Act 2.7 Looking at tissues	 The physical and chemical nature of the 	
		Ŭ	materials being exchanged	
			The various tissues of the human body perform	
			specific functions and can be categorised into four	
1	4		basic tissue types:	
_	7		o Epithelial	
			o Connective	
			o Muscular	
			o Nervous	
			Science Inquiry Skills – SIS3	
			Conduct investigations, including monitoring body	
			functions; use microscopy techniques; and perform	
			real or virtual dissection safely, competently and	
			methodically for the collection of valid and reliable	
			data	
		<u>Metabolism</u>	Metabolism – SU6, SU7, SU8	HOMEWORK
		Ch 3.1 Metabolism	Biochemical processes, including anabolic and	Chapter 3 review questions
		Ch 3.2 Enzymes and metabolism	catabolic reactions in the cell, are controlled in the	
		Ch 3.3 Cellular respiration	presence of specific enzymes	
4	-	Ch 3.4 Energy use by the cell	Cellular respiration occurs, in different locations in	
1	5		the cytosol and mitochondria, to catabolise organic	
		Act 3.2 Investigating aerobic and anaerobic	compounds, aerobically or anaerobically, to release	
		respiration during exercise	energy in the form of adenosine triphosphate (ATP)	
			For efficient metabolism, cells require oxygen and	
			nutrients, including carbohydrates, proteins, lipids,	
			vitamins and minerals	





Metabolism - SU6, SU9 HOMEWORE Enzyme activity investigation Biochemical processes, including anabolic and catabolic reactions in the cell, are controlled in the presence of specific enzymes PREPARE FO	
reactants and products Science Inquiry Skills – SIS1, SIS2, SIS3, SIS4, SIS7 Identify, research and construct questions for investigation; propose hypotheses; and predict possible outcomes Design investigations, including the procedures to be followed, the materials required, and the type and amount of primary and/or secondary data to be collected; conduct risk assessments; and consider research ethics, including animal ethics Conduct investigations, including monitoring body functions; use microscopy techniques; and perform real or virtual dissection safely, competently and methodically for the collection of valid and reliable data Represent data in meaningful and useful ways; organise and analyse data to identify trends, patterns and relationships; qualitatively describe sources of measurement error, and uncertainty and limitations in data; and select, synthesise and use evidence to make	WO O SIS n in-class repor SIS3, U6, SU9





1	6		Communicate to specific audiences, and for specific purposes, using appropriate language, nomenclature, genres and modes, including scientific reports	
1	7	Respiratory System Ch 4.1 Structure of the respiratory system Ch 4.2 Mechanics of breathing Ch 4.3 Gas exchange Ch 4.4 Some effects of lifestyle and environment on gas exchange Act 4.1 Examining the structure of the lungs	Respiratory System – SU10, SU11 The exchange of gases between the internal and external environments of the body is facilitated by the structure and function of the respiratory system at the cell, tissue and organ levels. The efficient exchanges of gases in the lungs is maintained by the actions of breathing, blood flow, and the structure of the alveoli Science Inquiry Skills – SIS3 Conduct investigations, including monitoring body functions; use microscopy techniques; and perform real or virtual dissection safely, competently and methodically for the collection of valid and reliable data	HOMEWORK Chapter 4 review questions TASK THREE TEST Cells, tissues and metabolism SU1, SU2, SU3, SU4, SU5, SU6, SU7, SU8, SU9 WEIGHTING 5%
1	8	Circulatory System Ch 5.1 Blood as a transport medium Ch 5.2 Moving blood through the body Act 5.2 Investigating blood flow during exercise Act 5.3 Observing heart structure	Circulatory System – SU12, SU13 The transport of materials within the internal environment for exchange with cells is facilitated by the structure and function of the circulatory system at the cell, tissue and organ levels The components of blood facilitate the transport of different materials around the body (plasma and erythrocytes), play a role in the clotting of blood (platelets) and the protection of the body (leucocytes) Science Inquiry Skills – SIS3 Conduct investigations, including monitoring body functions; use microscopy techniques; and perform real or virtual dissection safely, competently and	HOMEWORK Chapter 5 review questions





1	8		methodically for the collection of valid and reliable	
			data	
		<u>Circulatory System</u>	Circulatory System – SU12, SU13	HOMEWORK
		Ch 5.1 Blood as a transport medium	The transport of materials within the internal	Chapter 5 review questions
		Ch 5.2 Moving blood through the body	environment for exchange with cells is facilitated by	
1	9		the structure and function of the circulatory system at	
_		Act 5.2 Investigating blood flow during exercise	the cell, tissue and organ levels	
			The components of blood facilitate the transport of	
			different materials around the body (plasma and	
			erythrocytes), play a role in the clotting of blood	
		G' 14 G 4	(platelets) and the protection of the body (leucocytes)	HOMEWORK
		Circulatory System	Circulatory System – SU14 The common parts of blood feedlisted the transport of	HOMEWORK
		Ch 5.3 Blood groups and transfusions Ch 5.4 The lymphatic system	The components of blood facilitate the transport of different materials around the body (plasma and	Chapter 5 review questions
		Ch 5.4 The lymphatic system	erythrocytes), play a role in the clotting of blood	
		Act 5.6 Investigating blood typing	(platelets) and the protection of the body (leucocytes)	
		ret 5.0 investigating blood typing	The lymphatic system functions to return tissue fluid	
			to the circulatory system and to assist in protecting	
2	1		the body from disease	
_			Science as a Human Endeavour – SHE1	
			Blood transfusions rely on determining blood groups	
			and can be used to treat many different diseases and	
			conditions	
			Science Inquiry Skills – SIS3	
			Conduct investigations, including monitoring body	
			functions; use microscopy techniques; and perform	
			real or virtual dissection safely, competently and	
			methodically for the collection of valid and reliable	
			data	





		Digestive System	Digestive System – SU15, SU16, SU17	HOMEWORK
		Ch 6.1 Types of digestion	The supply of nutrients in a form that can be used in	Chapter 6 review questions
		Ch 6.2 The alimentary canal	cells is facilitated by the structure and function of the	The state of the s
			digestive system at the cell, tissue and organ levels	
			Digestion involves the breakdown of large molecules	
			to smaller ones by mechanical digestion (teeth, bile	
			and peristalsis) and chemical digestion (by enzymes	
2	2		with distinctive operating conditions and functions	
			that are located in different sections of the digestive	
			system)	
			The salivary glands, pancreas, liver and gall bladder	
			produce or store secretions which aid the processes of	
			digestion	
			Science as a Human Endeavour – SHE4	
			Lifestyle choices, including being active or sedentary,	
			the use of drugs and type of diet, can compromise	
			body functioning in the short term and may have	
			long-term consequences	
		<u>Digestive System</u>	Digestive System – SU18, SU19	HOMEWORK
		Ch 6.2 The alimentary canal	Absorption requires nutrients to be in a form that can	Chapter 7 review questions
		Ch 6.3 The effect of diet on the alimentary canal	cross cell membranes into the blood or lymph and	
			occurs at different locations, including the small	TASK FOUR TEST
2	3		intestine and large intestine	Circulatory, respiratory and
2	3		Elimination removes undigested materials and some	digestive systems
			metabolic wastes from the body, and is a separate	SU10, SU11, SU12, SU13,
			process from excretion	SU14, SU15, SU16, SU17, SU18,
			Science as a Human Endeavour – SHE4	SU19, SHE1, SHE2, SHE4
			Lifestyle choices, including being active or sedentary,	WEIGHTING 5%
			the use of drugs and type of diet, can compromise	
			body functioning in the short term and may have	
			long-term consequences	





2	4	Excretory System Ch 7.1 The organs that process and remove waste Ch 7.2 The liver and skin Ch 7.3 The kidneys Ch 7.4 Effects of lifestyle on excretion Act 7.1 Examining the structure of the kidneys Act 7.2 Looking at nephrons Act 7.3 Investigating kidney output Act 7.4 Investigating urine concentration STAWA A model of a kidney nephron	Excretory System – SU24, SU25, SU26 The excretory system regulates the chemical composition of body fluids by removing metabolic wastes and retaining the proper amounts of water, salts, and nutrients; components of this system include the kidneys, liver, lungs, and skin functioning at the organ level Deamination of amino acids in the liver produces urea, which then is transported to the kidneys for removal The nephrons in the kidney facilitate three basic processes: filtration, reabsorption and secretion during urine formation to maintain the composition of body fluids (hormone control is not required) Science Inquiry Skills – SIS3 Conduct investigations, including monitoring body functions; use microscopy techniques; and perform	HOMEWORK Chapter 7 review questions
2	5	Musculoskeletal system Ch 8.1 Types of muscles Ch 8.2 Structure of skeletal muscle Ch 8.3 How muscles work Act 8.1 Investigating fast and slow twitch fibres	methodically for the collection of valid and reliable data Musculoskeletal system – SU20, SU21 The muscular system is organised to maintain posture and produce movement; muscle fibre contraction can be explained using the sliding filament theory Movement results from the actions of paired muscles, with others acting as stabilisers, to produce the required movement	HOMEWORK Chapter 8 review questions PREPARE FOR TASK FIVE
2	6	Musculoskeletal system Ch 8.4 Overview of the skeletal system Ch 8.5 Structure of bone and cartilage Ch 8.6 Movement of bones	Musculoskeletal system – SU22, SU23 The skeletal framework of the body consists of bone and cartilage which function to provide body support,	TASK FIVE EXT RESP Osteoporosis, osteoarthritis, kidneys and muscles





2	6	Ch 8.7 Effects of aging on the musculoskeletal system Act 8.2 Studying a long bone	protection and movement, and is facilitated by the structure and function at cell and tissue levels Articulations of joints of the skeleton are classified according to their structure or the range of movements permitted Science Inquiry Skills – SIS3 Conduct investigations, including monitoring body functions; use microscopy techniques; and perform real or virtual dissection safely, competently and methodically for the collection of valid and reliable data Science as a Human Endeavour – SHE3 Osteoporosis and osteoarthritis are diseases, primarily of ageing, that cause disability; increased understanding of the causes of these conditions leads to improved practices for management and prevention	SU20, SU21, SU22, SU23, SU24, SU25, SU26, SHE2, SHE3 WEIGHTING 5% HOMEWORK Chapter 8 review questions
2	7	EXAM REVISION Targeted revision of key topics Practice analysing and constructing extended responses Exam strategy	UNIT ONE CONTENT	
2	8	EXAM PERIOD	UNIT ONE CONTENT	TASK SIX EXAM UNIT ONE WEIGHTING 15%
2	9	EXAM PERIOD	UNIT ONE CONTENT	TASK SIX EXAM UNIT ONE WEIGHTING 15%





		DNA	DNA – SU1, SU2, SU3	HOMEWORK
		Ch 9.1 DNA, genes and chromosomes	DNA occurs bound to proteins in chromosomes in the	Chapter 9 review questions
			nucleus and as unbound DNA in the mitochondria	
		Act 9.1 Modelling DNA structure and replication	DNA stores the information for the production of	
2	10	Act 9.2 Extracting DNA	protein that determines the structure and function of	
2	10		the cells	
			The structural properties of the helical DNA	
			molecule, include double stranded, nucleotide	
			composition and weak bonds involved in base pairing	
			between the complementary strands, allow for its	
			replication.	
		DNA DNA	DNA – SU4	HOMEWORK
		Ch 9.2 Protein synthesis	Protein synthesis involves the transcription of a gene	Chapter 9 review questions
			on DNA into messenger ribonucleic acid (mRNA) in	
		Genetic Science Learning Centre activities and website research	the nucleus, and translation into an amino acid	
2	11		sequence at the ribosome with the aid of transfer	
		http://learn.genetics.utah.edu/content/	Science Inquiry Skills – SIS6 Select, construct and use appropriate representations	
			of DNA replication, transcription and translation to	
			communicate conceptual understanding, solve	
			problems and make predictions	
		DNA	DNA – SU5	HOMEWORK
		Ch 9.3 Epigenetics	Epigenetics is the study of phenotypic expression of	Chapter 9 review questions
		on a -p-gaman	genes, which depends on the factors controlling	quantum y control quantum
			transcription and translation during protein synthesis,	TASK SEVEN SIS
3	1	Cell Reproduction	the products of other genes and the environment	Transcription, Translation and
		Ch 10.1 The cell cycle	Cell Reproduction – SU6, SU7, SU8	Epigenetics
		•	Mitosis forms part of the cell cycle producing new	SU1, SU2, SU3,
		Act 10.1 Modelling mitosis and cytokinesis	cells with the same genetic content	SU4, SU5, SIS6, SHE2
		Act 10.2 Observing mitosis	The sequence of DNA replication, chromosome	WEIGHTING 7%
			duplication and chromosome separation are important	





3	1		processes in the production of identical daughter cells by mitosis for growth, repair and replacement of tissues within the body Stem cells have the ability to divide by mitosis and differentiate into many different tissues, depending on the level of cell potency Science Inquiry Skills – SIS6 Select, construct and use appropriate representations of DNA replication, transcription and translation to communicate conceptual understanding, solve problems and make predictions Science as a Human Endeavour – SHE2 Discoveries made through the use of modern biotechnological techniques have increased understanding of DNA and gene expression	
3	2	Cell Reproduction Ch 10.2 Producing gametes Ch 10.3 Variation in daughter cells Act 10.3 Modelling meiosis	Cell Reproduction – SU10, SU11, SU12, SU13 Meiosis produces gametes for reproduction and involves DNA replication, chromosome pairing, and two successive nuclear divisions distributing haploid sets of chromosomes to each gamete Crossing over, non-disjunction and random assortment of chromosomes during meiosis will produce gametes with different genetic content Differences between mitosis and meiosis reflect their roles in the body Variations in the genotypes of offspring, including gender, arise as a result	HOMEWORK Chapter 10 review questions
3	3	Cell Reproduction Ch 10.4 Cancer	Cell Reproduction – SU9 Uncontrolled division of cells can result in the development of a tumour Science as a Human Endeavour – SHE4	HOMEWORK Chapter 10 review questions





3	3	Act 10.4 Investigating the incidence of cancer in Australia	New technologies, including Pap smear, breast screening and blood tests for prostate cancer, have made early detection of cancers possible	
3	4	Human Reproduction Ch 11.1 Structure of the reproductive systems Ch 11.2 Production of gametes	Human Reproduction – SU14, SU16 The production of offspring is facilitated by the structure and function of the male and female reproductive systems in producing and delivering gametes for fertilisation and providing for the developing embryo and foetus Human gametes are produced through spermatogenesis and oogenesis, which are specific forms of meiosis, but varying significantly in process and products	TASK EIGHT TEST Cellular reproduction and human reproduction SU6, SU7, SU8, SU9, SU10, SU11, SU12, SU13, SU14, SU15, SU16, SU17 WEIGHTING 7.5% HOMEWORK
3	5	<u>Human Reproduction</u> Ch 11.3 Hormonal control	Human Reproduction – SU15 Both male and female reproductive systems are regulated by hormones, including the regulation of the menstrual and ovarian cycles	HOMEWORK Chapter 11 review questions
3	6	Human Reproduction Ch 12.1 Fertilisation Ch 12.2 Early embryonic development and implantation	Cell Reproduction – SU8 Stem cells have the ability to divide by mitosis and differentiate into many different tissues, depending on the level of cell potency Human Reproduction – SU17, SU18 For the establishment of a pregnancy, conception requires the union of viable sperm and ovum at the optimal time in the ovarian cycle The development of the embryo after implantation involves the differentiation of cells into three different germ layers that will eventually produce specific systems in the body and the placenta	HOMEWORK Chapter 11 review questions





3	7	Human Reproduction Ch 12.3 Pregnancy Ch 12.4 Changes during birth	Human Reproduction – SU19 The stages of labour include birth, during which there are circulatory system changes in the child	HOMEWORK Chapter 12 review questions PREPARE FOR TASK NINE
3	8	Human reproduction Ch 12.5 Maintaining a healthy pregnancy Ch 13.1 Contraception	Human reproduction – SU20 Contraception methods that reduce the probability of the union of gametes or implantation all have limitations, risks and benefits, and include methods that; Use steroid hormones Physical barriers between gametes Use chemical spermicides Use sterilisation (tubal ligation, vasectomy) Function after coitus (Emergency contraceptive pill and IUD's) Science as a Human Endeavour – SHE3, SHE5 Greater understanding of the menstrual cycle, conception and implantation has produced improved methods in the establishment of a pregnancy, along with advances in contraceptive methods; both have ethical considerations Lifestyle choices, including diet, illicit drugs, alcohol and nicotine, may affect foetal development	TASK NINE EXT RESP Conception, pregnancy & birth SU8, SU15, SU18, SU19, SHE3 WEIGHTING 5% HOMEWORK Chapter 12 review questions
		Human reproduction Ch 13.2 Sexually transmitted infections	Human Reproduction – SU21 Sexually transmitted infections (STI's), diseases transmitted through unprotected sex or genital	HOMEWORK Chapter 13 review questions
3	9	Act 13.3 Understanding the social consequences of vaccines for STIs	contact, can be prevented through safe sex methods; early detection and treatment of infection are important and, if left untreated, STI's can lead to serious health consequences	PREPARE FOR TASK TEN





		Human reproduction	Human Reproduction – SU22, SU23	HOMEWORK
		Ch 14.1 Treatment of infertility	There are a variety of assisted reproductive	Chapter 14 review questions
		Ch 14.2 Diagnosis of foetal health	technologies to help overcome infertility problems,	
			but each has its limitations, risks and benefits.	TASK TEN EXT RESP
			There are a range of techniques available to	Assisted reproductive technologies,
			genetically screen embryos before implantation or	contraception and sexually
3	10		during early development, including blood tests,	transmitted infections
			amniocentesis and chorionic villi sampling	SU20, SU21, SU22, SU23,
			Science as a Human Endeavour – SHE1	SHE1, SHE3, SHE5
			Genetic profiling and genetic screening of adults and	WEIGHTING 5%
			embryos both have implicit ethical considerations	
		Types of Inheritance	Types of Inheritance – SU24, SU25	HOMEWORK
		Ch 15.1 Mendelian inheritance	Probable frequencies of genotype and phenotype of	Chapter 15 review questions
		Ch 15.2 Modelling inheritance	offspring can be predicted using Punnett squares and	
			by taking into consideration patterns of inheritance,	
		Act 15.1 Investigating Mendelian genetic principles	including the effects of dominance, co-dominance,	
		in Martians	autosomal or sex-linked alleles, and multiple alleles:	
		Act 15.2 Examining pedigrees	Huntington's disease, phenylketonuria (PKU), ABO	
		Act 15.3 Studying a family with Huntington's disease	blood groups, red–green colour	
4	1		blindness/haemophilia show different inheritance	
			patterns	
			Pedigree charts can be constructed for families with a	
			particular genetic disorder and can be used to reveal	
			patterns of inheritance and assist in determining the	
			probability of inheriting the condition in future	
			generations	
			Science Inquiry Skills – SIS6	
			Select, construct and use appropriate Punnett squares	
			and pedigrees to communicate conceptual	
			understanding, solve problems and make predictions	





		Ch 15.2 Modelling inheritance	Types of Inheritance – SU24, SU25	HOMEWORK
		8	Probable frequencies of genotype and phenotype of	Chapter 15 review questions
		Act 15.2 Examining pedigrees	offspring can be predicted using Punnett squares and	
		Act 15.3 Studying a family with Huntington's disease	by taking into consideration patterns of inheritance,	
			including the effects of dominance, co-dominance,	
			autosomal or sex-linked alleles, and multiple alleles:	
			Huntington's disease, phenylketonuria (PKU), ABO	
			blood groups, red–green colour	
			blindness/haemophilia show different inheritance	
			patterns	
4	2		Pedigree charts can be constructed for families with a	
			particular genetic disorder and can be used to reveal	
			patterns of inheritance and assist in determining the	
			probability of inheriting the condition in future	
			generations	
			Science Inquiry Skills – SIS6	
			Select, construct and use appropriate Punnett squares	
			and pedigrees to communicate conceptual	
			understanding, solve problems and make predictions	
		Types of Inheritance	Types of Inheritance – SU24, SU25	HOMEWORK
		Ch 15.3 Autosomal inheritance of single-gene	Probable frequencies of genotype and phenotype of	Chapter 15 review questions
		disorders	offspring can be predicted using Punnett squares and	
	3	Ch 15.4 Sex chromosomes	by taking into consideration patterns of inheritance,	
4			including the effects of dominance, co-dominance,	
			autosomal or sex-linked alleles, and multiple alleles:	
			Huntington's disease, phenylketonuria (PKU), ABO	
			blood groups, red-green colour	
			blindness/haemophilia show different inheritance	
			patterns	
			Pedigree charts can be constructed for families with a	
			particular genetic disorder and can be used to reveal	





4	3		patterns of inheritance and assist in determining the probability of inheriting the condition in future generations Science Inquiry Skills – SIS6 Select, construct and use appropriate Punnett squares and pedigrees to communicate conceptual understanding, solve problems and make predictions	
4	4	Types of Inheritance Ch 15.5 Other types of inheritance Ch 15.6 Genetic counselling	Types of Inheritance – SU24, SU25, SU26 Probable frequencies of genotype and phenotype of offspring can be predicted using Punnett squares and by taking into consideration patterns of inheritance, including the effects of dominance, co-dominance, autosomal or sex-linked alleles, and multiple alleles: Huntington's disease, phenylketonuria (PKU), ABO blood groups, red—green colour blindness/haemophilia show different inheritance patterns Pedigree charts can be constructed for families with a particular genetic disorder and can be used to reveal patterns of inheritance and assist in determining the probability of inheriting the condition in future generations DNA profiling identifies the unique genetic make-up of individuals and can be used in determining parentage Science Inquiry Skills – SIS6 Select, construct and use appropriate Punnett squares and pedigrees to communicate conceptual understanding, solve problems and make predictions Science as a Human Endeavour – SHE1	HOMEWORK Chapter 15 review questions TASK ELEVEN TEST Inheritance SU24, SU25, SU26, SIS6 WEIGHTING 7.5%





4	4		Genetic profiling and genetic screening of adults and embryos both have implicit ethical considerations	
4	5	Review/ Revision Targeted revision of key topics Practice analysing and constructing extended responses Exam strategy	UNIT ONE AND TWO CONTENT	
4	6	EXAM WEEK	UNIT ONE AND TWO CONTENT	TASK TWELVE EXAM UNIT ONE AND TWO WEIGHTING 25%
4	7	EXAM WEEK	UNIT ONE AND TWO CONTENT	TASK TWELVE EXAM UNIT ONE AND TWO WEIGHTING 25%