## YEAR 10

## **EXCELLENCE • TEAMWORK • COMMITMENT • RESPECT**

ENGLISH	MATHS	BE CREATIVE	CENTRE STAGE	FIT TO PLAY	READY SET WORK	\$HOW ME THE MONEY	WEIRD & WACKY WORLD
SEMESTER ONE	SEMESTER ONE	SEMESTER ONE	SEMESTER ONE	SEMESTER ONE	SEMESTER ONE	SEMESTER ONE	SEMESTER ONE
Context essay (hopes and dreams)  - development of an expository essay theme and personal experience  Persuasive language/ oral presentation – continued development of students ability to identify, analyse and apply the persuasive techniques in a variety of texts	Linear graphing – exploring the connection between algebraic and graphical representations of linear relationships  Bivariate data – analyses the strength of a relationship between two data types, their properties, and whether this can be used to accurately predict  Measurement – applying the skills developed in previous years to accurately measure perimeter, area, and volume of 2D shapes and 3D prisms  Trigonometry – expands on previous work based on right triangles and their trigonometric properties. Includes introduction to bearings	Cultural art inquiry – art appreciation unit discovering the styles of art from around the world. Learn lots of hands on techniques and different traditional ways to make artworks  Costume design – Inspired by Cirque du Soleil this unit focuses on facial and costume design	Narrative structure and genre exploration – investigation into linear and non-linear story lines  Stop motion animation and the production process – discussion of various animation techniques and examples	Water and surf safety  - learn swimming strokes and survival techniques. Surf safety theory including rips and beaches. Learn to surf and kayak  Understand the muscular and skeletal body systems  - create a fitness program and participate in organised fitness activities at Derrimut's Gym	World of work – delving into the history or jobs in Australia with a focus on the industrial age and advancements in technology  Trade taster GITTC – choice of: building and construction; joinery; engineering, hospitality; and hair and beauty.  Job applications – getting prepared for applying for that job with a focus on resumes, application letter and interview techniques	Starting a small business – team focused entreprenial project with real-life outcomes  The Australian stock exchange – online trading activities simulation  Managing your money – financial literacy and effective money management  Economics and the economy – applying economic knowledge and concepts for problem solving  Managing your money – responsibility and ethics and money management in practice  The barefoot investor – building your wealth	In the beginning (physics/ chemistry) – the big bang; the changing universe; matter and atoms; and stars and black holes  Earth and the journey (part 1): life, diversity and change (biology, geology) – geological and atmospheric processes; evolution, selection and variation; and genetics and heredity

## YEAR 10 CONTINUED...

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ENGLISH	MATHS	BE CREATIVE	CENTRE STAGE	FIT TO PLAY	READY SET WORK	\$HOW ME THE MONEY	WEIRD & WACKY WORLD
SEMESTER TWO	SEMESTER TWO	SEMESTER TWO	SEMESTER TWO	SEMESTER TWO	SEMESTER TWO	SEMESTER TWO	SEMESTER TWO
Text response essay (Of Mice and Men) – students are introduced to a VCE standard approach to the study of a single text  The study of pack mentality (Black Rock) – further development of students writing skills as applied to a chosen context  ALL YEAR  Novel conversations – structured approach to individual reading and comprehension skills  Language tool box – explicit focus on writing skills including grammar, spelling and vocabulary	Univariate data – collating, measuring, and interpreting real-life raw data using technology  Geometry – covers concepts of space, the relationship between parallel lines and transversal lines, congruency, and similarity within shapes  Networks – measuring the concept of mathematical networks and their uses in society  Linear modelling (methods) – extension of the linear graphing unit, focuses heavily on creating equations from the relationship between two variables  Financial maths – learning key concepts of simple and compound interest, increase and decrease rates, and their application to real life  Quadratics (methods) – Introduction to plotting parabolas, intercepts, intersections between two curves, and real life applications	Public art project – negotiated public project that will see you planning a work of art from a real life clients brief. This has included making huge paintings for St Laurence in the past  Charcoal drawing – learn how to enlarge a picture by using the grid technique and then the shades techniques using charcoal and contour  Portrait painting – learn the skills of the masters. Paint a canvas focusing on the skills needed to paint in a photorealistic style  Monster 3D art – make a 3D sculpture inspired by monsters. You will get to learn various ways to bring your design creations to life	ACMI Screen It competition and short narratives – the development of short narratives and entry into a short-film festival  Music videos – exploration of the visual language of musical videos	The great outdoors – learn how to orienteer and navigate in the outdoor environment. Learn the importance of minimal impact for trip planning. Participate in a three day hike at the Otways  Sports coaching and training programs – understand fundamental motor skills and how they are classified. Design suitable training drills for sport coaching. Plan and facilitate a session which teaches a specific skill to peers. Design a sport lesson for primary school students	Money smart – focusing on how to use your hard earned money in an effective way. In depth look at saving, spending and security  Trade taster GITTC – choice of: building and construction; joinery; engineering; hospitality; and hair and beauty  Career preparation – getting ready for your career with work placement, specific skills and presenting a portfolio of evidence from across the year	Government and the law – Australia's legal system, police powers and systems of government  Rich dad poor dad – building your wealth. Monopoly, cash flow and fair go  Accounting – cash statements and income statements for service businesses  Human, civil, legal and societal rights – global citizenship, human rights and political activism  ESSI money simulation – earning, waving, wpending and investing  The barefoot investor – money management	Earth and the Jjourney (part 2): human achievements (physics, chemistry and biology) – graphing journeys; distance, speed and acceleration; Newton's laws of motion; using chemical products; and controlling reactions Independent research project (student choice) – student generated project; data Collection and analysis; working scientifically; and extended presentation