

Tallangatta Secondary College

2020

Semester 1

Middle School

Course Handbook



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Key

(S) - These Units are Semester length. Students will be expected to continue in the same unit for Term 1 & 2.

(\$\$) - These Units will have an additional Cost. For further information please contact the College.

MATHEMATICS

LEVEL ONE

MA181 Level 8 Maths (S)

This class is recommended for students who completed MA172 during Semester 2 of the previous year. It is possible to move from MA182 last year into MA181 but only with approval from a maths teacher. It focuses on number and algebra skills, extends measurement skills and introduces more in-depth analysis of chance events. Throughout every topic students will be encouraged to increase their mathematical proficiency and exhibit a deeper understanding of the concepts and skills learnt.

MA191 Level 9 Maths (S)

This class is recommended for students who completed MA182 during Semester 2 of the previous year. It is possible to move from MA172 into MA191 but only with approval from a maths teacher. It introduces consumer arithmetic, indices and scientific notation, extends algebra, measurement and probability skills, and introduces students to right-angled triangle problems that use Pythagoras' Theorem and Trigonometry to solve. Throughout every topic students will be encouraged to increase their mathematical proficiency and exhibit a deeper understanding of the concepts and skills learnt.

LEVEL TWO

MA211 Level 10 Maths (S)

This class is recommended for students who completed MA292 during Semester 2 of the previous year. It is possible to move from MA182 into MA211 but only with approval from a maths teacher. Students will extend their prior learning of simple interest into solving compound interest problems, they will be introduced into more complex algebra skills, they will solve problems involving surface area and volume of solid shapes, as well as more complex probability concepts. The unit will finish with a continuation of Pythagoras' Theorem and Trigonometry that was started in MA191. Throughout every topic students will be encouraged to increase their mathematical proficiency and exhibit a deeper understanding of the concepts and skills learnt.

MA200 Numeracy for Life

Via Recommendation Only.

MA213 PRE-VCE Maths (S)

This maths unit is being offered as a preparation for students planning to complete Mathematical Methods in VCE. This pathway is most suited for

students that are currently working well within their maths class and are hoping to pursue studies in Science, Engineering or ICT (particularly programming). Students will continue to consolidate skills in number, algebra and measurement, exploring more advanced algebra and functions, consolidating geometric proof, and studying more complex shapes and solids. Although students will no longer be completing HW sheets during this course, they will be expected to complete regular HW.

ENGLISH

LEVEL ONE

EN112 Growing Up (S)

Peers and friendship groups are an important part of life at school and growing up. Explore the concept of friendship, tolerance and social groups through the study of social media, social networking, and other texts. Compare how social groups have changed over time. Learn about the consequences of conflict among peers, and when friendships go bad. In a world where we are increasingly “connected”, why are so many people feeling alienated and alone?

EN118 Animals & Nature (S)

This unit will explore the natural world with a particular focus on animals. Current issues regarding the treatment of animals will be studied and you will present your point of view on an issue. This unit will explicitly teach writing in expository, imaginative and persuasive forms, using animal characters to explore human concerns. You will use grammar, sentence structures and other writing techniques to refine the craft of writing.

EN128 I'm a Survivor (S)

Do you have what it takes to survive in extraordinary circumstances? What does it mean to be a survivor? Read and watch stories of how people cope in dangerous or life threatening situations, including the physical and improvisation skills needed, the emotional strength and courage required. Students will read about, research and respond to such experiences.

EN149 Earth, Air, Fire & Water (S)

This unit uses the four elements: earth, air, fire and water, as the basis for exploring writing. You will investigate how to use elements as archetypes to create characters and settings in narratives. You will explore how elements can represent people in your own life. You will investigate current issues around these natural elements, for example, natu-

ral disasters, climate change, bushfires, floods and others. You will consider which is the most powerful element and give reasons for your choice.

LEVEL TWO

EN221 Encountering Conflict (S)

This unit will explore conflict in a variety of contexts – from major world conflicts to navigating personal conflict. Current issues regarding conflicts within our society will be explored and you will be required to express your own informed point of view on a number of issues currently being debated in the media. You will write imaginative, persuasive and expository texts using language, sentence types and grammar for specific effects.

EN230 Ethics and Morality (S)

This unit will explore the meaning of ethics and moral dilemmas. Current issues regarding questions of ethics will be explored and you will be required to express your own informed point of view on a number of issues currently being debated in the media. You will write imaginative, persuasive and expository texts using language, sentence types and grammar for specific effects.

EN233 Conspiracy Theory (S)

Can we trust what we read in the newspapers? Is the news presented on TV reliable? Will that vacuum cleaner really hold a 5 kilogram bowling ball in mid-air? In this unit students will develop the skills they need to critically analyse the truth and bias in the information communicated to us in news reports, speeches, testimonials, advertisements and other forms of media.

EN200 English for Life

Via Recommendation Only.

LEVEL THREE

LI304 Comedy and Tragedy (S)

This unit focuses on developing reading strategies and personal responses to Literature as well as the understanding of how concerns and ideas in texts comment on personal and social experiences. It will examine human responses to life – both comedic and tragic - and how this has been expressed throughout the ages in various forms of writing – sonnets, letters, play, novel and film. Texts studied will

INTEGRATED UNITS

LEVEL TWO

IN227 Peer Support

Peer Support is a critical and important aspect of our school's transition process. This unit involves working with the Year 7 students on a regular basis. It requires weekly program planning and evaluations. Other parts of the course involve leadership development, role play, oral presentations and group work. Students will have the opportunity to participate as leaders at the Year 7 Transition camp. Entry to this unit is based on an application and interview process.

SCIENCE

LEVEL ONE

SC115 Physics/Chemistry (S)

In this unit students will examine matter, the states it may take and the way scientists explain this using a particle model of matter. The history of the development of some fundamental concepts in chemistry will be examined, and students will investigate how our theories of matter have changed over time.

They learn to differentiate chemical changes from physical changes and gain experience in making detailed observations of chemical changes. The concept of chemical energy as a type of potential energy will be introduced and students will have the chance to undertake experiments involving the transfer and transformation of energy.

Students will look at how change to an object's motion is caused by unbalanced forces acting on the object, how energy appears in different forms including movement (kinetic energy), heat, light, chemical energy and potential energy, how devices can change energy from one form to another and the properties of light and sound.

They will also investigate the importance of these chemical energy transformations to our daily lives. Students will have the opportunity to design, perform and analyse the results of their own simple chemical experiments.

SC141 Biology on Earth (S)

In this unit, students will examine the relationship between structure and function at a cellular level, an organ level and a body system level in a variety of living things. They will gain knowledge of how living things can be placed into appropriate groups based on various characteristics of the organisms and how these groups are similar and different from one another. Food webs in a variety of ecosystems

will be studied and modelled as representing the flow of energy through natural systems. The effects of disruption of food webs on ecosystems will be examined.

Students will look at how predictable phenomena on Earth, including seasons and eclipses, are caused by the relative positions of the Sun, Earth and the Moon along with the differences between renewable and non-renewable resources. Students will also explore the water cycle and how sedimentary, igneous and metamorphic rocks contain minerals and are formed by processes that occur within Earth over a variety of timescales. During this unit students will undertake a variety of experimental activities and get the chance to design, undertake and analyse the results of their own experiment.

SC131 Astronomy

In this subject, students will explore how the Earth's position and movement in space explains what we observe in the sky above; eclipses, phases of the moon, seasons and other phenomena we observe in the sky.

Students will also learn about telescopes and how the development of technology has changed our understanding of our solar system and our universe. We will discuss big questions including; how are solar systems formed? How was the universe formed? What is a black hole? What is a worm hole and do they exist? What would you see if you travelled at the speed of light?

Students will be asked to keep a journal of celestial observations and participate in large citizen science projects (making observations about the surface of Mars, solar events and cataloguing far off galaxies).

SC132 Geology

Students will differentiate between sedimentary, igneous and metamorphic rocks and investigate the timescale and processes involved. They will also investigate minerals formed and other resources, both non-renewable and renewable. Predictable phenomena on Earth, including seasons and eclipses, are also covered.

LEVEL TWO

SC287 Physics/Chemistry (S)

In this unit, students will examine our current knowledge of the structure of the atom. The history of the development of models of atomic structure will be studied. The structure of the periodic table, the principles by which it is organised and why it is such an important document will be examined.

Students will learn about the properties of elements and how these properties are reflected by the element's position on the periodic table. The factors that influence the rates of chemical reactions will be discussed and students will learn how to write balanced chemical equations to represent chemical reactions. Students will also have the opportunity to learn what makes certain elements radioactive and the types of radiation that can be emitted from the nuclei of radioactive elements. Students will get the opportunity to undertake a variety of experiments and develop their ability to represent data appropriately, analyse results and communicate their experimental findings in an appropriate way.

Students will also investigate and analyse the concepts of energy conservation, energy transfer and energy transformations as they apply to physical systems. They will learn how to construct qualitative and quantitative explanations of the ways forces affect motion. Students will also study fundamental concepts related to electricity and electrical circuits such as current resistance and voltage and will get the chance to construct their own simple electrical circuits.

Students will get the opportunity to undertake a variety of experiments and develop their ability to represent data appropriately, analyse results and communicate their experimental findings in an appropriate way.

SC220 Biology/Earth (S)

This unit could be chosen as an introduction for those considering VCE Biology. The unit will look at cells, how they work and what they do. Also, how they operate in systems to maintain our body within limits that allows us to live and reproduce. The cell, as a basic unit of life, will be explored in detail looking at the variety of cell types and functions. How cells interact with their environment to maintain organisms will be investigated with focuses on osmosis and homeostasis. Some basic ecology will be explored.

HEALTH & PHYSICAL EDUCATION

LEVEL ONE

OE111 Without a paddle

In this unit students will study and perform specific techniques to safely operate a canoe in an unpredictable environment, while building a connection with the natural environment. The subject will have a both a practical and theory based element embedded within it, to assist with the application, transfer and refining of the technical skills learnt through-out the subject. Furthering understand-

ing will be achieved when students learn about the risk/s associated with canoeing and other recreational activities. The approximate cost for this unit is \$60 (this costing is only an approximate and is subject to change).

HP117 Summer Sports

The aim of this unit is for students to become aware of the benefits of regular physical activity. There will be an emphasis on skill development and strategic play for major games (Tennis, Softball, Cricket, and Volleyball), swimming will also be included. In the health component of this course, students will be introduced to the areas of respectful relationships, body image and nutrition.

HP118 Winter Sports

The aim of this unit is for students to become aware of the benefits of regular physical activity. There will be an emphasis on skill development and strategic play for major games (Football Codes, Netball, Badminton, Squash and Basketball). In the health component of this course, students will be introduced to the areas of respectful relationships and sex education.

PE112 Water Works

Do you like swimming? Do you like water sports and spending recreation time around the water? If so this unit is for you! Come and learn how to aquatic venues safely. Develop your formal swimming strokes, develop swimming fitness, and also practice lifesaving and resuscitation techniques. Learn how to play water polo and other water games. This unit caters for all levels of expertise in the water. Get down there, get wet and get better in all aspects of water action!

PE113 Pressure's On

This unit allows students to concentrate on developing their skills in the major team games which are played at O/M level at the end of terms 1, 2 and 3. Individual skills, and the development of team tactics will be emphasized, as well as developing warm up skills and fitness training methods appropriate for each particular sport. You don't have to play in the O /M competition, BUT you may want to because of your skill development!

PE115 Fun and Games

Everyone loves Dodgeball right? In this unit you will play games! Traditional games, running games, minor and major games, Indigenous games, slow games, fast games, loud games, quiet games, fitness games. All sorts of games! Make up your own game and teach it to the class! You'll get fitter too!

Get the picture? If you don't want to have fun don't do this unit!

LEVEL TWO

OE211 Mount Mission

In this unit students will begin to explore more variety of bushwalks as a way of exploring self and nature, and the lessons that can be learned for every-day living. Students will be required plan, assess and manage risk associated with Bushwalking remotely and identify strategies used to decrease risk. Students will gain skills for personal and group well-being and lay the foundation for ongoing healthy safe outdoor recreation participation. Students will take on leadership roles in group management while partaking in an expedition. Activities for this unit include a local walks along rail trail and to Tallangatta lookout, 2 day bushwalk Mt Granya, 2 Day Bushwalk Mt Feathertop. The approximate cost for a semester unit is \$300 (this costing is only an approximate and is subject to change). (This Subject is a pre requisite for Cradle Mountain)

HP200 Advanced Summer and Winter Sports

The aim of this unit is for students to increase their understanding and appreciation for the benefits of regular physical activity. Skill development and strategic play for major games (Tennis, Softball, Cricket, and Volleyball, Football Codes, Netball, Badminton, Squash and Basketball), fitness work and swimming will also be covered. In the health component of this course students will develop their knowledge in the areas of respectful relationships, diversity, body image and sex education.

HUMANITIES

LEVEL ONE

GE111 Exploring Oz (S)

This unit is the same as HU115. Within this unit students will develop their knowledge of Geography through investigating various landscapes across Australia. They begin to understand the different features of these landscapes focusing particularly on deserts.

Students will gain an understanding of what is considered a desert, how deserts form, climates and characteristics of deserts along with how people use deserts. Students will also explore the issue of urbanisation across Australia including how people live, the measures of liveability and the social, economic and environmental impacts of urbanisation.

GE117 The Natural World (S)

Within this unit students will develop their knowledge of geography through investigating various landscapes across Australia. Particular focus will be given to deserts including how deserts are formed, climates and characteristics of deserts and how people use deserts across the world. Students will also explore the impact of people's connection to places and how to reduce the human footprint on the environment. This unit will also allow students to gain an understanding of the impact of the natural world on issues such as food security, agriculture and distribution of access to food around the world and how government and non-government organisations can assist people around the world gain more equal access to food.

HI111 The Ancient World (S)

Explore the wonders of the ancient world and the early civilisations of Egypt, Greece and Rome. Experience what it was like to be a gladiator facing your enemies, and begin to truly understand how the ancient Romans have contributed to modern society. How did the Romans begin their existence in early England? Determine how the Black Death started and what it meant to be living in England and Europe during the harsh and unforgiving Middle Ages.

HI115 Crime & Punishment (S)

Look back to the Medieval times and the forms of punishment received under the feudal system. What happened when the Industrial Revolution emerged? What were the crimes committed that resulted in transportation to Australia, and what it was like for a convict at this time? Explore the criminality of the slave trade out of Africa to the America's and other destinations world-wide. Students will work on developing their historical skills with an emphasis on analysis and critical thinking skills.

LEVEL TWO

CV248 The Law in Action

This unit will adopt a case study approach to legal issues of interest and relevance to students at this level. The skills and knowledge included will be appropriate to students preparatory to their undertaking VCE Studies.

HI211 PRE-VCE History (S)

Pre-VCE History is for students with a keen interest in history. During this semester, students will study content from the Year 11 Twentieth Century History course but with more support from their teacher. Students may study topics such as the Belgians in

the Congo, the fall of the Romanov dynasty in Russia, the rise of the Nazi Party and the Pacific War – topics selected will be based on student and teacher preference. This course is designed for students to prepare for VCE study in a fun and supportive way, and so students must be willing to complete regular reading and homework outside of class.

LOTE (INDONESIAN)

LEVEL ONE

LT130 Sekolah Saya - My School (T)

Students will examine youth issues in Indonesia. They will be immersed in classroom language, work toward developing relationships with our sister school to make contact with students in Malaysia to discuss issues such as leisure time, weekend activities, hobbies, schooling and everyday life. Students will focus on being able to socialise with their peers, exchanging past experiences, current issues and future aspirations. They will learn practical skills about the cultural aspects, such as texting etiquette and the value of family.

LT128 Indonesian Celebration (T)

Learning in this unit focuses on developing students' skills, knowledge and understanding within the context of national holidays and celebrations in Indonesia. Students acquire vocabulary, expressions and language structures within this context. Student activities relate to undertaking research and developing responses appropriate for different celebrations. Students will listen, read and respond to texts and learn to experiment with linguistic structures in order to express own ideas.

LT115 Basic Cooking

This is an integrated unit that allows students to learn practical cooking skills for the preparation of simple Indonesian food dishes, as well as the development of Indonesian vocabulary. They will be introduced to the use of spices in Indonesian cooking. Short instructional texts (recipes) will be written by students in Indonesian, using appropriate grammar. Students will gain an understanding of the cultural practices of sharing food in Indonesia through hands-on experience.

LT116 Simple Cooking

This is an integrated unit that allows students to learn practical cooking skills for the preparation of simple Indonesian food dishes, as well as the development of Indonesian vocabulary. Students will be introduced to the use of spices in Indonesian

cooking. Short instructional texts (recipes) will be written by students in Indonesian, using appropriate grammar. Students will gain an understanding of the cultural practices of sharing food in Indonesia through hands-on experience.

LEVEL TWO

LT215 Surprise Me

This is an integrated unit that allows students to learn practical cooking skills for the preparation of simple Indonesian food dishes, as well as further developing their Indonesian vocabulary. Students will acquire understanding of the use of spices in Indonesian cooking and develop a menu showcasing these. Short instructional texts (recipes and menus) will be written by students in Indonesian, using appropriate grammar. Students will gain an understanding of the cultural practices of sharing food in Indonesia through hands-on experience.

DESIGN & CREATIVITY

THE ARTS

LEVEL ONE

AP106 Voiceworks

The better that students feel about their voices, the better they feel about themselves as individuals. Over the course of this unit, students will develop an understanding and appreciation of vocal singing. Students will study and develop vocal techniques to improve their singing capacity and confidence, as well as challenge their concepts of what is possible in a safe and secure environment. At the conclusion of the unit, students will present a research task and a final group performance in a concert setting.

AV128 African Art

This cultural unit deals with various aspects of African Art. We will be looking at working with clay (ceramics), mask making and making linocuts all with an African theme. The African landscape and animals will be used for the inspiration as well as folklore and legends. Students will be encouraged to explore a variety of media in this unit producing a folio of development work as well as finished pieces. A research project on Picasso will be set looking at African influences in his work.

AV120 Colour and Us (S)

This art/design unit exploring the use of colour in the everyday world. Topics covered will include colour theory, colour symbolism and other related areas such as computer graphics. Design activities

based on children's book design will be explored. Emphasis will be placed on using the correct problem solving methods and neat, accurate presentation of work. Students will also complete some art activities based on the Fauvist and/or Pointillist art movement/s. Students will also need to supply their own coloured pencils, textas and note book for theory. Possible excursion - \$10

AV139 Ozzie Art and Design

Australian artists and designers come from varied backgrounds and work in various mediums and subjects. Using Ozzie artists and designers as our inspiration, we will explore different mediums, materials and methods and develop our own unique style to use when we create final presentation designs or artworks for the subject.

AV127 Designing for Print/Herald (S)

This semester long subject focuses on how to create designs ready for print. This unit will teach you how to set-up, digitally design and create a variety of print media products. You will also learn how to create professional layout structures and use the design elements and principles. Photography and journalism will also be optional activities included in this unit.

LEVEL TWO

AP245 Centre Stage

This unit will introduce you to what is expected at a VCE level. You will investigate a variety of drama styles and prepare your own small group performance from a given stimulus. You MUST be willing to participate and present performances. There will also be some written analysis work however the majority of time will be on practical development.

AV232 A Photography Folio

Sharpen your photography and editing skills by creating a photography portfolio. Learn how to properly control a digital camera and how to manipulate your photos in Photoshop and light-room. Consider how photoshoots are created including the set and lighting to produce interesting and engaging images for your audience. To help you detail what you have learnt you will be taught how to keep a folio. This subject is ideal for those that would like to study Media, Studio Art or Vis Com at VCE level or are interested in the photography field.

LEVEL THREE

MC309 Level 3 Music (S)

A semester unit offering students who have been

learning a musical instrument for 6 months (or longer- recommended) to further their technique and their ability. Further to this, it is recommended that students have an instrumental teacher and be having regular lessons either in school or privately over the course of the unit on their instrument. Students entering this class on contemporary instruments (bass guitar/ drums) are also recommended to be part of an established band. This is not a class for beginning musicians; beginners who wish to play an instrument are strongly advised to have weekly lessons as part of the instrumental program.

TECHNOLOGY

LEVEL ONE

TE156 Metals and Plastics

With a focus on safe use of tools and machinery, this class will design and make small objects for domestic use and/or small toys and tools from both metals and plastics. Examples of projects may include; small toolboxes, pot plants/shelf hangers and brackets, key tags, fridge magnets, desk organisers etc.

TW173 Small and Woody

This unit will concentrate on small wooden models given the limited time allowed in a term unit. The unit will cover safety, wood construction methods, tool usage and machine skills. Students will design individual projects with help from the teacher.

TW127 Woodworkers Toolbox

This class will use a range of wood trade skills to make small workshop tools such as making gauges, Squares and Mallets and a tool box to carry them in. The tools made will be an essential for any student wanting to obtain a trade. OHS will be an important focus of this class.

TT102 Project Runway (S)

Is your burning passion clothes? Perhaps you could be a budding designer? You will develop your skills in fashion design and creating statement clothes. But be sure you are up for the challenge, as this unit will demand you to be creative, use your imagination, allow you to express yourself and follow the process of design. You will have the opportunity to set the next trend in fashion.

TF124 Food and Me

What do I like to eat? Who or what influences my food choices? Students will learn what foods are necessary for energy, activity and growth as teenagers. Students will use various food models such

as the Australian Guide to Healthy Eating, Dietary Guidelines and Healthy Eating Pyramid to plan and cook healthy meals and snacks.

LEVEL TWO

TM252 Engineer's Tool Box

This class will use a range of metal trade skills, (welding, machining, fitting etc), to make small workshop tools and a tool box to carry them in. OHS will be an important focus of this class.

