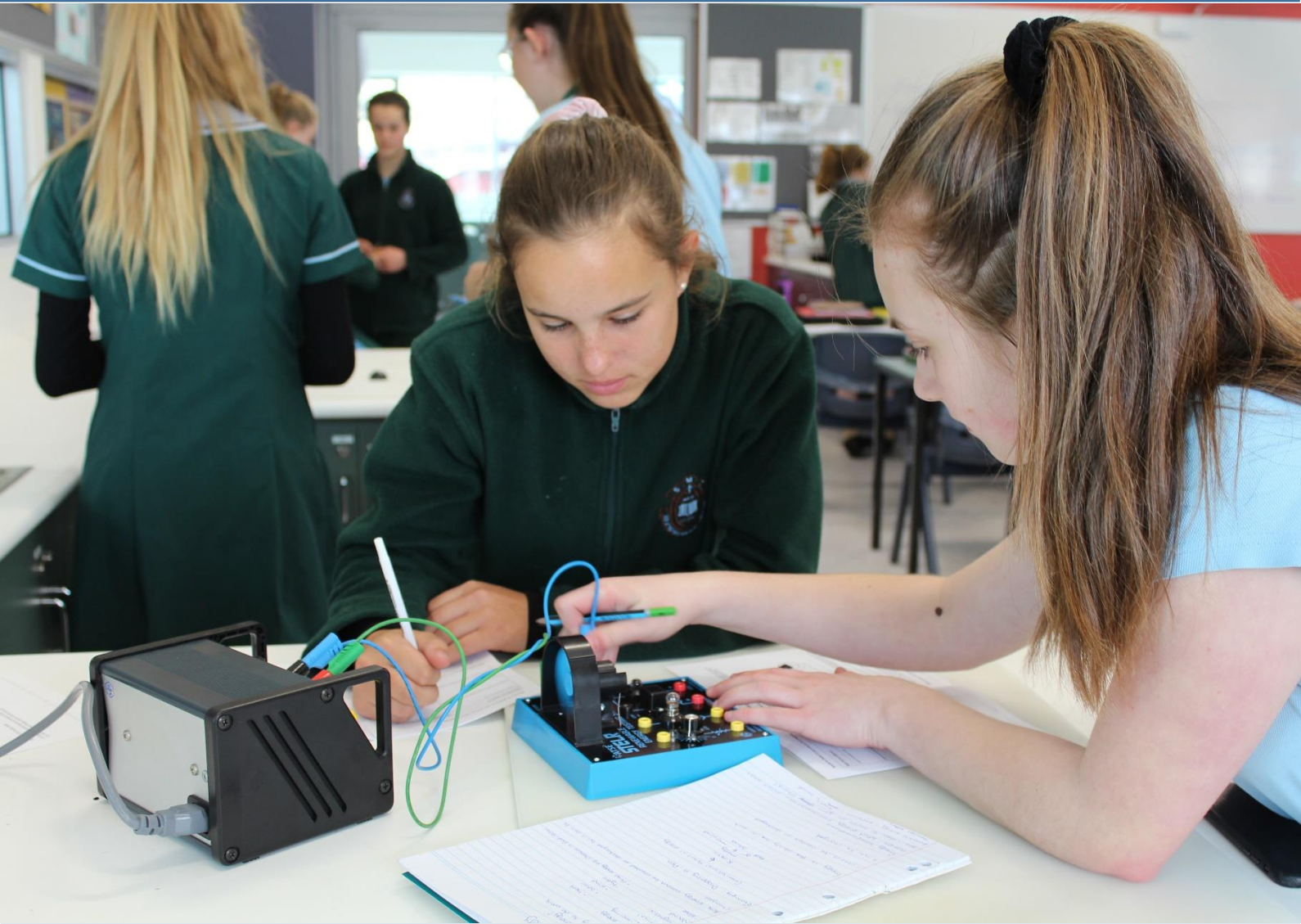




ST MARY'S
COLLEGE

Course Guide 2020

Year 9



One Face Beyond...

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The Course selection process

- Read the information about the courses being offered to Year 9 students in 2020.
- Attend the Year 9 (2020) Information Evening on Tuesday 2 July 2019 (7.00pm to 9.00pm).
- Spend time considering the electives on offer and speak to teachers if you need advice.
- Discuss possibilities with your parents or carers.
- Choose a range of full year (two units) and half year (one unit) courses to make up a total of six units of study. Use the table on Page 22 to help you with this.
- Nominate a further four units of courses to be used as reserves if necessary.
- Course selection will be done online via the Web Preferences Student Portal. This portal will be opened on Wednesday 3 July and will close on Friday 26 July 2019.
- On Tuesday 2 July, each student will receive an email containing instructions on how to access the portal to record their preferences. If you have not received this email by Wednesday 3 July, please email Ms Baker (mbaker@smc.tas.edu.au)
- Students will be informed of their allocated electives early in Term 4.

Compulsory courses

The following subjects are studied by all students in Year 9 at St Mary's College.

- Religious Education
- English
- Health and Physical Education
- Mathematics
- Science
- History
- Geography

2020 Elective courses

Full year – 2 units

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Half year – 1 unit

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Economics and Business

(Half year course – 1 unit)

Business Studies gives students the opportunity to further develop their understanding of economics and business concepts by exploring interactions within the global economy. Students are introduced to the concept of an 'economy' and explore what it means for Australia to be part of the Asia region and the global economy. They consider the interdependence of participants in the global economy, including the implications of decisions made by individuals, businesses and governments. The responsibilities of participants operating in a global workplace are also considered.

Class activities include:

- investigating economics at local, national and global levels
- considering how economic decisions are made by individuals, businesses, and governments
- investigating Australia's role in regional and global economies
- learning about the responsibilities of participants operating in a global workplace
- investigating strategies that can be used to manage financial risks and rewards
- discovering how creating a competitive advantage can benefit businesses
- investigating current issues or events relating to economics and business.

Chinese

(Full year course – 2 units)

In the study of Chinese, students enjoy the challenge of developing their knowledge of the language and culture of China.

There may be the opportunity to meet and host students from China through an exchange program with our sister school, as well as the possibility of participating in a school trip to China in the years that this is available.

If students have not previously studied Chinese, it is possible to commence study in Year 9. However, students who commence in Year 9, need to be motivated and organised to cover the content of the course.

Class activities include:

- developing skills in speaking, reading and writing Chinese
- investigating and challenging accepted ideas and beliefs about China
- research tasks
- the opportunity to participate in a Tasmanian Chinese Speech Competition and the opportunity to participate in a Chinese Speech Competition in Melbourne if selected.

Civics and Citizenship

(Half year course – 1 unit)

Civics and Citizenship builds upon the students' understanding of Australia's political system and how it enables change. Students examine the ways political parties, interest groups, media and individuals influence government and decision making processes. They investigate the features and principles of Australia's court system, including its role in applying and interpreting Australian law.

Students also examine global connectedness and how this is shaping contemporary Australian society.

Class activities include:

- learning about Australia's political system
- investigating the role of political parties and media to affect decision making
- gaining an understanding of Australia's court system and its role in applying laws
- developing an awareness of the issues that affect our legal system e.g. indigenous affairs and human rights
- developing the knowledge, skills and understanding required to be an active citizen in our society
- developing an awareness of law reform and current topical legal issues.

CSI – SMC (Forensic Science)

(Half year course – 1 unit)

This course offers an introduction into the study of Forensic Science, investigating many of the methods used by scientists to solve crimes.

Units in the course focus on hands-on activities and inquiry tasks, examining the ways in which crime scenes are investigated and conclusions are made.

Class activities include:

- learning about the history of Forensic Science
- studying the methods used in crime scene investigation
- investigating the science of fingerprinting
- learning about DNA and DNA analysis
- studying blood typing and blood splatter patterns
- learning how forensic entomology helps solve crimes
- analyzing hand-writing patterns
- lots of hands-on activities
- visits from guest speakers and learning from experts.

Digital Technologies

(Available as either a half year – 1 unit
or a full year – 2 unit course)

Digital Technologies is designed to allow students to develop computer related skills to acquire, organise and present information. Students will understand how to apply computational thinking to problems and explore digital solutions to solve real world problems. The areas of study are flexible so that students can choose to work on areas of interest to them.

A range of areas of study within Digital Technologies including (but not limited to):

- Web design using HTML and CSS
- Programming using Scratch, Python or other languages
- Project based on the Arduino, microbit or other programmable devices
- Robotics

Class activities include:

- practical programming tasks to solve real world problems
- multi-media presentations and online presentations
- online web design competitions
- online java competitions
- digital projects to solve real world problems.

Drama

(Full year course – 2 units)

Drama Performance gives students the opportunity to explore the human experience through role and artistic investigation. Students work collaboratively and creatively with others to explore social ideas and issues while gaining an increased understanding of spoken language, human movement, drama performance and theatre history.

Students develop self-confidence and self-esteem as well as an appreciation of others as they work together to devise work and reflect upon achievements. Personal reflection and live performance viewing and appraisal is a significant aspect of the course. Students will experience the pleasure of creating and the thrill of performing live for an audience.

Class activities include:

- a focused study of drama as a performance art
- developing the student's skills, knowledge and understanding of the elements of drama, including voice, movement, improvisation, role play and ensemble
- devising, developing and rehearsing various drama works both individually and collaboratively
- developing the student's performance styles and acting techniques
- developing skills in stagecraft
- exploring other elements of the art form (including lighting, sound, set and costume design) to enhance meaning
- exploring the history of drama and theatre through studying various styles and genres of performance
- performing polished works for chosen audiences
- viewing and appraising live theatre
- personal reflection.

Extension Program

(Available as either a half year – 1 unit
or a full year – 2 unit course)

Students who are interested in this subject must first discuss it with Mrs Fraser. Students wishing to participate in the Future Problem Solving Program must choose the subject for both semesters.

The Extension Program gives students the opportunity to participate in a cross- disciplinary program (Future Problem Solving) that requires the application of critical, creative and futuristic thinking skills to real-life problems. The program has an emphasis on co-operative, small-group learning and the clear, concise, written communication of ideas. Students research current issues that have significant implications on the development of human society and learn how to collect, organise and analyse information.

With negotiation, students not wishing to participate in the Future Problem Solving Program may develop an Independent Research Project that focuses on the development of individual research skills, including the process of inquiry. Students will be guided by mentors and develop and present a significant investigation into one area of their choice. (This needs to be discussed with Mrs Fraser prior to selection of this subject).

Class activities include:

- developing written communication skills, analytical creative thinking and research skills
- working co-operatively
- investigating four pre-selected topics that will have significant impact on the future development of society.

Food Technology

(Available as either a half year – 1 unit
or a full year – 2 unit course)

This practical course will build on skills developed in Year 7 and 8 DT (Food studies) classes and give students the opportunity to develop more advanced skills.

Students will reproduce, alter or invent recipes to suit individual needs. Food Production, Nutrition Food Safety and Hygiene, Food Styling and Presentation, Sustainability, World cuisine and Food for Celebrations are some of the topics which will be covered.

Class activities include:

- preparing and cooking with fresh and seasonal ingredients
- learning to make healthy nutritional choices for you, your family and your future
- investigating how other people use foods in other countries and to celebrate special events
- developing an understanding of the properties and sustainable production of the food you use
- developing knowledge, skills and techniques to make creative cakes and bakery goods
- learning about historical influences on Australian food and diet.

Italian

(Full year course – 2 units)

In the study of Italian, students enjoy the challenge of developing their knowledge of the language and culture of Italy. There may be the opportunity to meet and host students from Italy and study in Italy through an exchange program with our sister schools. There is also the possibility of participating in a school trip to Italy in the years that this is available, during which home stays are included.

If students have not previously studied Italian, it is possible to commence study in Year 9. However, students who commence in Year 9, need to be motivated and organised to cover the content of the course.

Class activities include:

- developing your skills in speaking, reading and writing Italian
- investigating and challenging accepted ideas and beliefs about Italy
- completing a research task.

Making Short Films

(Half year course – 1 unit)

This practical course is designed to involve students in all aspects of filmmaking. Students will explore pre-production, production, post-production, cinematography, and sound recording. The course develops teamwork, problem-solving skills, project management, filming and editing skills. Students also develop critical literacy skills enabling them to think, question, and express ideas through designing and creating short films. This course focuses on hands-on creative endeavor in the context of filmmaking.

Classroom activities include:

- learning how to create various film genres
- learning the art of on-screen illusion
- learning how to create and realistically use prosthetic skin, blood, body parts and makeup
- learning about scriptwriting, shooting script/shot list, storyboarding ideas, different shots/angles, composition, timing and transitions
- applying techniques of exposure, subject modelling, set lighting and camera function
- understanding visual storytelling through the actor's approach, character analysis and scene blocking
- learning about editing, digital visual effects, sound effects, and sound mixing
- off-site film shoots
- using a range of cameras, microphones and editing software.

Materials and Design

(Available as either a half year – 1 unit
or a full year – 2 unit course)

Materials and Design is a creative subject that provides students with opportunities to use a variety of tools, equipment and materials and apply these in a safe workshop environment.

The subject encourages students to confidently follow design briefs to design, make and appraise interesting design tasks. Students will undertake practical problem solving that lead interesting solutions.

The projects undertaken in each semester are different with specific foci. Students can choose this course as either a single semester course, or as a full year course, as different projects are created and will expand on the knowledge already learnt.

Class activities include:

- designing interesting projects
- working from drawings and producing worthwhile items from diverse materials
- gaining an understanding of the properties of materials
- applying skills by using a range of hand tools, power tools and equipment
- unpacking the design ideas in everyday products
- dealing with uncertainty in an informed way.

Extended Mathematics

(Full year course – 2 units)

Extended Mathematics gives students the opportunity to extend their passion, love and knowledge of Mathematics. The course will assist students in using and understanding mathematical methods to solve problems. We encourage students to become inquisitive and proactive Mathematicians.

Students will have the time to work on extending their knowledge in graphing algebraic functions and probability through both independent and class group investigations. This will directly assist with Year 10 Mathematics Methods, and any of the following Year 11 or 12 courses: Mathematics Methods Foundation 3, General Mathematics 3, Mathematics Methods 4, and Mathematics Specialised.

Class activities include:

- in class assignments which assist in consolidating students' knowledge of algebra and probability skills
- modelling real world applications using the Casio ClassPad calculator
- investigations which enhance students understanding of the mathematical methods used to solve problems
- end of unit tests.

Music

(Full year course – 2 units)

This course aims to enhance the enjoyment of music and to develop practical and creative potential. Students can choose to play as a soloist or as part of a group and may choose from a variety of instruments including acoustic and electric guitar, piano, strings and voice. No previous experience on an instrument is necessary. The course is built upon the individual learning requirements of the musician. The course encourages students to become creative and adaptable thinkers and will give opportunities for significant improvement in fine motor function, mental ability and memory capacity.

Class activities include:

- playing instruments – fostering new skills for beginners and developing greater instrumental techniques and musicianship for the more advanced musician
- song writing - including lyric formation, chord progressions, song structure and instrumental techniques
- learning how to create sound effects
- the study of how music is used in movies
- composing your own music
- music appreciation – develop greater insights into music and develop, in depth an understanding of the music elements used
- learning different microphone techniques, how to operate a mixing desk, sound recording and mixing, digital effects and sound mastering
- studying the theory of music and how to apply it when writing music and playing an instrument
- attending performances - as part of each student's musical education, an opportunity is given to attend a mainland musical. There are also opportunities to attend local performances from the TSO, solo performances and master classes throughout the year.

New Media Art

(Available as either a half year – 1 unit
or a full year – 2 unit course)

This course allows students to be creative and express themselves visually using cameras, computers, digital technology and software. They learn to create graphic designs, photography and digital art and media using industry standard software applications, including Adobe Photoshop and Illustrator. Students document their ideas, applying an understanding of compositional structure to create a unique personal response, while representing either a theme/concept or subject matter.

Students have the option to study New Media Art over the course of a full year and develop their technical and analytical skills more fully, or to study New Media Art as a short one semester course.

Class activities include:

- learning how to take a variety of styles of photos on a Digital SLR camera and learning how to digitally manipulate photos
- learning Graphic Design techniques to create posters, book covers, advertisements, t-shirt designs etc.
- creating digital collages, stop motion animation, moving image and video art
- learning about different art styles
- completing practical projects and research
- visiting artist workshops
- photography field trips
- gallery and exhibition excursions
- developing a journal which leads to the production of a body of work
- participating in the annual Student Art Exhibition.

Outdoor Education

(Half year course – 1 unit)

In this course students will undertake a variety of practical and theoretical activities. These may include: hiking, rock climbing, surfing, overnight camp and rafting. Students will build on their confidence, resilience and leadership skills.

To fully participate students are required to have exceptional organisational and time management skills, a good level of physical fitness and confidence in the water.

Class activities include:

- learning about goal setting and self-management
- developing skills required to successfully work in a team
- developing an awareness of our natural environment and an understanding of individual responsibility for its care and conservation
- developing knowledge, skills and understanding in a range of outdoor situations such as navigation and orienteering
- developing skills in a variety of outdoor pursuits including an overnight camp and day trips, e.g. hiking, kayaking, mountain biking, abseiling, rock-climbing and surfing
- covering theoretical topics including, navigation, weather interpretation and planning.

Sport Science

(Full year course – 2 units)

This course encompasses theoretical based learning. Students will acquire an understanding of human functioning and physical activity. They will develop their skills in communication and investigation and the ability to apply theory to practical situations.

This course provides students with an introduction to the body systems and components of fitness. It also gives students an understanding of the value of physical activity and provides an overview of the responsibilities people can adopt at different stages in their lives.

Class activities include:

- studying body systems (skeletal, muscular and articular), physical fitness, body composition and nutrition, skill acquisition, sport psychology, social issues in sport and drugs in sport
- completing practical experiments and associated reports.

Textile Art and Design

(Half year course – 1 unit)

In this practical course students will undertake practical projects such as re-using or textiles. They will investigate and develop individual fashion ideas, research fashion history, and create or transform textiles.

Students will research on-trend ideas to reflect their own ideas, working through the three phases of technology - designing/investigating, producing and evaluating/analysing.

Class activities include:

- developing technical skills and expressing creativity through design and productivity
- displaying ideas using a variety of media
- learning how textiles and fashion can be deconstructed, repurposed or altered to become a sustainable resource
- investigating how fashion works and is presented as an expression of personal choice
- researching and using visual diaries or folios to record planning, sketches, development, and appraisal of ideas
- producing work for displays.

Visual Art and Design

(Full year course – 2 units)

This course progressively builds skills and competence in a variety of Visual Art areas. Students use visual language and artistic conventions of increasing complexity during their design and production process. They document their ideas applying understanding of compositional structure to create a unique personal response, while representing either a theme/concept or subject matter.

Students experience, adapt and manipulate materials, techniques, art styles/processes when producing 2D and/or 3D artworks, which communicate artistic intention. Students critically analyse traditional and contemporary artworks using various analysis frameworks, incorporating appropriate visual language, art terminology and conventions.

Class activities include:

- creating 2D Art (e.g. painting, printmaking, drawing, collage and mixed media works)
- creating 3D Art (e.g. ceramics, pottery wheel throwing, sculpture and fibre art)
- learning about different art styles
- undertaking practical projects and research
- participating in creative workshops
- visiting artist workshops
- participating in field trips and excursions to galleries and exhibitions
- developing a journal which leads to the production of a body of work
- participating in the annual Student Art Exhibition.

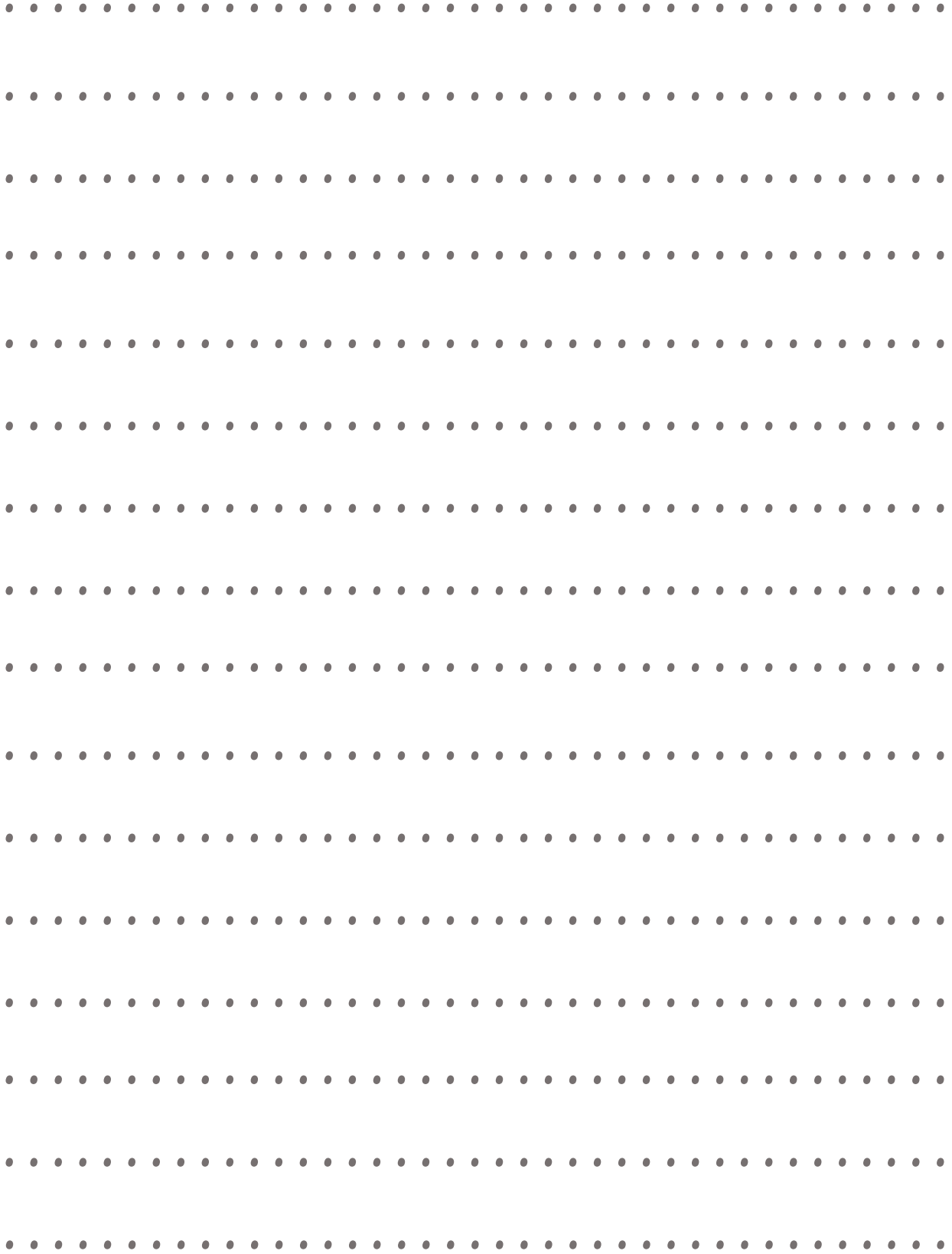
USE THIS TABLE TO HELP MAKE YOUR CHOICES

1 ST PREFERENCE HIGHLIGHT YOUR CHOICES	2 ND PREFERENCE HIGHLIGHT YOUR CHOICES	3 RD PREFERENCE HIGHLIGHT YOUR CHOICES	1 ST RESERVE HIGHLIGHT YOUR CHOICES	2 ND RESERVE HIGHLIGHT YOUR CHOICES
Choose one of these	Choose one of these	Choose one of these	Choose one of these	Choose one of these
Chinese Digital Technologies Drama Extension Program Food Technology Italian Materials and Design Mathematics Methods Music New Media Art Sport Science Visual Art and Design	Chinese Digital Technologies Drama Extension Program Food Technology Italian Materials and Design Mathematics Methods Music New Media Art Sport Science Visual Art and Design	Chinese Digital Technologies Drama Extension Program Food Technology Italian Materials and Design Mathematics Methods Music New Media Art Sport Science Visual Art and Design	Chinese Digital Technologies Drama Extension Program Food Technology Italian Materials and Design Mathematics Methods Music New Media Art Sport Science Visual Art and Design	Chinese Digital Technologies Drama Extension Program Food Technology Italian Materials and Design Mathematics Methods Music New Media Art Sport Science Visual Art and Design
Or two of these	Or two of these	Or two of these	Or two of these	Or two of these
Economics and Business Digital Technologies CSI – SMC (Forensic Science) Food Technology Extension Program Civics and Citizenship Making Short Films Materials and Design New Media Art Outdoor Education Textile Art and Design	Economics and Business Digital Technologies CSI – SMC (Forensic Science) Food Technology Extension Program Civics and Citizenship Making Short Films Materials and Design New Media Art Outdoor Education Textile Art and Design	Economics and Business Digital Technologies CSI – SMC (Forensic Science) Food Technology Extension Program Civics and Citizenship Making Short Films Materials and Design New Media Art Outdoor Education Textile Art and Design	Economics and Business Digital Technologies CSI – SMC (Forensic Science) Food Technology Extension Program Civics and Citizenship Making Short Films Materials and Design New Media Art Outdoor Education Textile Art and Design	Economics and Business Digital Technologies CSI – SMC (Forensic Science) Food Technology Extension Program Civics and Citizenship Making Short Films Materials and Design New Media Art Outdoor Education Textile Art and Design

REMEMBER YOU CANNOT CHOOSE THE SAME COURSE TWICE

Notes

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Notes

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