

# MURRAY HIGH SCHOOL

## **Year 8 Introductory Course Selection**

# 2026



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# Introduction

This booklet is designed to give a brief overview of the Introductory Courses offered at Murray High School in Year 8. Students will study two Elective Subjects in Year 8, a different one in each semester. Each course runs for 4 periods per week for 2 terms (1 Semester). All students will complete 2 subjects over the year.

## **Subject Selection Process**

While all courses are offered, for selection, student selections and staffing allocations will determine how many courses can run each semester.

Students will nominate 5 courses in order of preference in case one or more of their chosen courses do not run. Courses with insufficient numbers will not run.

Some subjects have limited vacancies and will fill fast.

Students who fail to make their Subject Selection on time will be placed in classes at the end of the selection process where vacancies exist. These placements will not be negotiable.

Be sure to consider the contribution costs of some courses before you make your selections.

Subject Approval forms will not be accepted without a parental signature.

# ONLINE SUBJECT SELECTION

Students will receive an email with a link to the subject selection page in their school email account. This email will contain an individual WebCode that will need to be entered to log in to the site.

If the email does not arrive;

1. Check your 'junk' or 'spam' filter folder in your email system.
2. Contact the school office.
3. Students can see Mr Brownlaw or Mr Obbink for assistance.

Once logged in, follow the onscreen instructions.

1. Log into <https://my.edval.education/login>
2. Enter the WebCode
3. Hover over "YEAR 8 ELECTIVES 2026" and click the button "Click Here"
4. Select 2 electives in order of preference.
5. Choose 3 extra preferences in case any of your first preferences do not run.

## Important Notes

- Courses are allocated in order of preference – place your most desired course in "Preference 1".

**Subject selections may be printed at the school library free of charge.**

## SUBJECT INFORMATION

| Subject                                       |
|-----------------------------------------------|
| Behind the Scenes-Exploring the Theatre magic |
| Bon Appetite                                  |
| Build it Better                               |
| Clay                                          |
| Cultural Kitchen                              |
| Drama                                         |
| Fashionista                                   |
| Fun with Computers                            |
| Getting started with Electronics              |
| Maker's Workshop – (Wood, Metal, Electronics) |
| Mic check 1,2....Say It Like you Mean It      |
| Money Smarts                                  |
| Music – Rock and Pop Band                     |
| Music – Vocal Group                           |
| Music – Introduction to Brass Instruments     |
| Our Virtual World                             |
| Paddock to Plate (Agriculture)                |
| Photo Media                                   |
| Take a Trip                                   |

| <b>Behind the Scenes—Exploring the Theatre magic</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |
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| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course Contribution: \$25.00</b> |
| <p>Do you want to discover the creative secrets that bring theatre to life?</p> <p><b>Behind the Scenes</b> is a hands-on, creative Drama elective that focuses on the <b>technical magic of theatre</b>, including character and special effects makeup, lighting design, and sound production. Across the semester, students explore how backstage roles contribute to performance, and work collaboratively to support a dramatic scene using their technical skills. This course is perfect for students who enjoy design, creativity, and working as part of a production team.</p>            |                                     |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |
| <ul style="list-style-type: none"> <li>• How <b>makeup design</b> transforms actors into characters (age, personality, fantasy, injury effects).</li> <li>• The use of <b>lighting</b> to shape atmosphere, mood, and stage focus.</li> <li>• How <b>soundscapes</b> and effects create setting and support storytelling.</li> <li>• The collaborative process of designing and rehearsing technical elements for performance.</li> <li>• Theatre safety, backstage etiquette, and production documentation (eg; cue sheets, design plans).</li> </ul>                                              |                                     |
| <b>Other Information/Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
| <ul style="list-style-type: none"> <li>• No previous Drama experience is needed—just enthusiasm and a willingness to try new things.</li> <li>• Students may be required to bring or wear old clothes for makeup workshops.</li> <li>• All specialist materials (makeup, lighting equipment, sound software) are provided.</li> <li>• Students are assessed through hands-on tasks, group collaboration, and a final production presentation.</li> <li>• This course encourages creative thinkers, team players, and students interested in both performing and behind-the-scenes roles.</li> </ul> |                                     |

# Bon Appetit (Food Technology)

## Course Outline

**Course Contribution: \$35.00**

*Bon Appétit* is a practical and creative course for students with a passion for baking and café-style food preparation. Students will explore the types of foods commonly served in cafés, bakeries and patisseries, developing skills in sweet and savoury baking, food presentation, and customer-ready food service.

The course also introduces students to industry-relevant kitchen practices and supports an understanding of nutrition and food choices in the context of the Australian café culture.

## What Students Learn About

Through hands-on learning, students will:

- Develop core baking techniques (rubbing in, creaming, whisking, kneading)
- Prepare a range of baked goods including cakes, slices, muffins, scones, biscuits, and savoury pastries
- Learn to use equipment such as ovens, mixers, food processors and steamers
- Understand the elements of plating and presentation for a café-style setting
- Explore café trends and menus, including dietary needs and food labelling
- Investigate safe food handling, hygiene, and WHS in a kitchen environment
- Reflect on the social and cultural significance of food in the Australian hospitality industry.

## Other Information/Special Requirements

### What will students learn to do?

Students will learn to select and use appropriate tools and methods confidently and safely. They will gain experience working individually and in small teams to prepare and serve quality baked and café-style products.

### Students will need:

- Students must have shoes with leather uppers and leather tongues. (Shoes with soft uppers are NOT permitted in the practical workshop due to WH&S regulations)
- Navy Apron - **available from MHS for \$12.00**

# Build it Better

## Course Outline

**Course Contribution: \$35.00**

*Build It Better* is a hands-on elective designed for students who enjoy workshop learning and want to further develop their practical and design skills. This course provides foundational knowledge and experience in industrial technologies, helping prepare students for Year 9–10 Industrial Technology subjects in Timber, Metal, Electronics, or Engineering.

## What Students Learn About

Students will complete structured projects focused on:

- Tool safety and workshop procedures
- Material properties and appropriate use
- Design modification and project planning
- Reading and creating basic technical drawings
- Sustainable practices in manufacturing
- Careers in industrial and construction trades.

Projects may include:

- Small furniture builds using timber
- Metalworking projects like brackets or tool trays
- Mixed-material constructions (e.g. timber + acrylic or metal)
- Basic electronic or mechanical systems integrated into practical builds.

## Other Information/Special Requirements

This course is structured to align with Stage 5 Industrial Technology content (but is not a prerequisite). It allows students to experience the kinds of projects, tools, and expectations they will encounter in senior years.

### Assessment:

- 80% Practical Projects and Folio Work
- 20% Research Tasks and Evaluation

### Students will need:

- Students must have shoes with leather uppers and leather tongues. (Shoes with soft uppers are NOT permitted in the practical workshop due to WH&S regulations)
- Navy Apron - **available from MHS for \$12.00**

# Clay

## Course Outline

**Course Contribution: \$15.00**

This course gives students the opportunity to produce functional works in clay. They will develop skills in a variety of hand building and glazing techniques.

## What Students Learn About

Students will gain skills when working with clay to produce objects such as:

- Decorative plates and platters (Slab Technique)
- Bowls (Pinch, coil, press mould techniques)
- Mugs (slab, coil technique)
- Students may also have opportunities to try wheel throwing

## Other Information/Special Requirements

**Students will need:**

- Visual diary, A4 (**available from MHS for \$5.00**) in which to draw and develop their ideas. It will also be used to record glaze colour selections and WH&S information.

| <b>Cultural Kitchen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course Contribution: \$35.00</b> |
| <p><i>Cultural Kitchen</i> is a vibrant and practical food technology course where students explore the rich stories, flavours and traditions behind the foods that have found a home in Australian kitchens. Through a blend of cooking and cultural investigation, students learn how migration has shaped Australia's modern food identity and how to prepare dishes from across the globe.</p> <p>From street food favourites to traditional home-style meals, students will discover new ingredients, learn essential cooking techniques, and develop confidence in the kitchen, all while deepening their appreciation of food as a cultural experience.</p>                                                                                                                                                                                                                                       |                                     |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
| <p>Students will:</p> <ul style="list-style-type: none"> <li>• Learn about the origins, history and significance of foods from cultures including Italian, Vietnamese, Chinese, Indian, Greek, Lebanese, Mexican, Japanese and more</li> <li>• Explore how immigration has influenced Australian food culture, both at home and in restaurants</li> <li>• Practice a range of cooking techniques such as steaming, sautéing, rolling, blending spices and kneading dough</li> <li>• Prepare and serve dishes such as dumplings, curries, pasta, flatbreads and fusion desserts</li> <li>• Investigate famous multicultural restaurants in Australia and the impact of food businesses run by migrant communities</li> <li>• Reflect on issues of cultural respect, food sustainability and shared traditions</li> <li>• Apply safe food handling, hygiene and kitchen organisation practices.</li> </ul> |                                     |
| <b>Other Information/Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                     |
| <p><b>What will students learn to do?</b><br/>Students will follow and adapt culturally diverse recipes, work both independently and in small groups, and reflect on how food connects people, place and identity.</p> <p><b>Students will need:</b></p> <ul style="list-style-type: none"> <li>• Students must have shoes with leather uppers and leather tongues. (Shoes with soft uppers are NOT permitted in the practical workshop due to WH&amp;S regulations)</li> <li>• Navy Apron - <b>available from MHS for \$12.00.</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                           |                                     |

# Drama

## Course Outline

**Course Contribution: \$15.00**

This course offers students the opportunity to experience a very practical approach to Drama and acting. The course will be 'fun' and 'hands on' as the students gain experience and skills in the art of performance through improvisation, drama games, creating their own performances, and by attending appropriate live theatre.

### Why study Drama?

Drama is an important tool for preparing students to live and work in a world that is increasingly team oriented. Drama helps students to develop confidence, tolerance, empathy, problem solving skills and a higher order thinking. Drama promotes active learning and creativity which supports and reinforces learning in the more traditional academic areas of the curriculum.

## What Students Learn About

Students will explore a range of imagined and created situations in a collaborative environment. Topics will be as diverse as:

- Improvisation - ability to 'think on their feet' and engage an audience
- Play building - create a performance piece based on their own ideas
- Puppetry - construct their own puppet and put on a puppet show
- Scripted Drama - perform scenes from a play and potentially tour to neighbouring primary schools
- Clowning - create their own clown character and routine.

## Other Information/Special Requirements:

### Students will need:

- Binder book, A4, ruled 48 page

| <b>Fashionista</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
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| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course Contribution: \$20.00</b> |
| Fashionista is a practical subject which has been developed for students who have an interest in designing and making clothing and accessories                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| <p>The course provides students with knowledge and understanding about design and construction using fabric, yarns and fibers.</p> <p>Students will develop textile specific skills and learn to sew using a variety of technologies such as the over locker, sewing machine and embroidery machine.</p> <p>Students will also learn many different decorating techniques to use on their practical projects.</p>                                                                                                                                                          |                                     |
| <b>Other Information/Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |
| <p><b>What will students learn to do?</b><br/> This course is designed to give hands on experience with a range of tools and give students an introduction to the type of work covered in Textiles in years 9 &amp;10.</p> <p><b><u>Assessment:</u></b></p> <p>80% Practical<br/> 20% Test/Assignment</p> <p><b>Students will need:</b></p> <ul style="list-style-type: none"> <li>Students will be required to supply materials for articles to be constructed during the course.<br/> <b>A list of requirements will be given at the start of the course.</b></li> </ul> |                                     |

| <b>Fun with Computers</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course Contribution: NIL</b> |
| <p><i>Fun with Computers</i> is an engaging, hands-on course designed to introduce students to the world of computer programming and digital technologies. Students will work on two major projects that build their understanding of computational thinking, digital systems, and how emerging technologies are shaping the future.</p> <p>Students will learn how to write code, design algorithms, and solve problems using real-world tools and applications.</p>                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |
| <p>Project 1: Robotics and Programming with LEGO Mindstorms</p> <ul style="list-style-type: none"> <li>• Learn the fundamentals of algorithm design and computer logic</li> <li>• Program autonomous robots using block-based coding</li> <li>• Explore how robotics are being used in industries such as healthcare, manufacturing and agriculture</li> <li>• Investigate the social and ethical impacts of robotics.</li> </ul> <p>Project 2: Building a Website</p> <ul style="list-style-type: none"> <li>• Learn how to create web pages using HTML and CSS</li> <li>• Explore how the internet works, including data transmission and domain names</li> <li>• Discuss key issues such as cyber security, data integrity, and the impact of emerging technologies on online work</li> <li>• Evaluate real-world examples of professional websites.</li> </ul> |                                 |
| <b>Other Information / Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| <p>This course is ideal for students interested in coding, robotics or digital design. It is a strong foundation for Stage 5 electives in Computing Technology and Industrial Technology – Multimedia.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |

# Getting Started with Electronics

## Course Outline

**Course Contribution: NIL**

Students undertaking this course are introduced to electronics and circuits. Students will explore a range of activities and practical tasks using Arduino electronics kits. Students will also develop a broader understanding of how circuits inside electrical devices operate.

## What Students Learn About

- Electricity fundamentals
- Ohm's law and other calculations
- Basic circuit design
- Preventing overload
- Practical projects examples (which may vary) include:
  - Traffic Signals
  - Dimmer Switch
  - Holiday Lights
  - Musical Keyboard
- Developing code
- Debugging code

For more information on Arduino, visit <https://www.arduino.cc/education/>

Kits are provided for class, but students might wish to purchase their own for home.

## Other Information/Special Requirements

The activities for this course may vary depending on student need and aptitude. Students will be consulted on some of the topics.

# Maker's Workshop

## Course Outline

**Course Contribution: \$35.00**

*Maker's Workshop* is a hands-on elective designed for students who enjoy working in the workshop and are interested in designing and creating practical projects. This course introduces students to essential tools, materials, and processes across wood, metal, electronics, and engineering contexts. Students learn to plan, design, and construct quality projects that build their confidence and capability in the workshop.

This course also lays a strong foundation for future study in Stage 5 Design and Technology, equipping students with the creative and technical skills needed to become thoughtful and capable designers and makers.

## What Students Learn About

Students will explore the design process while gaining practical experience in:

- Workshop safety and correct use of tools and machinery
- Material properties and project planning
- Basic design principles and documentation
- Simple electronics and construction techniques
- Critical thinking and creative problem-solving.

Projects may vary depending on workshop availability and may include:

- Timber or metal-based builds
- Introduction to basic electronics
- Projects combining different materials and systems.

## Other Information/Special Requirements

This course gives students a valuable insight into working with a range of tools and technologies while preparing them for more advanced subjects in Years 9 and 10.

### Assessment:

- 80% Practical Projects and Folio Work
- 20% Theory Tasks and Design Work

### Special Requirements:

- Students must have shoes with leather uppers and leather tongues. (Shoes with soft uppers are NOT permitted in the practical workshop due to WH&S regulations).
- Navy Apron - **available from MHS for \$12.00**

| <b>Mic Check 1,2...Say it Like you Mean It</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
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| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course Contribution: NIL</b> |
| <p>Welcome to <i>'Mic Check 1,2...Say it Like you Mean It!'</i> – a loud, proud, creative writing adventure where you'll turn real feelings, bold ideas, and killer wordplay into slam poems that will blow minds. You'll watch inspiring youth performances, write poems about YOU and your world, play with poetic tricks, battle with metaphors, rehearse with your crew, and finally....grab the mic.</p> <p>No essays. No boring stuff. Just real talk, real words, and real performances. Bring your voice. The stage is waiting.</p>                 |                                 |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| <ul style="list-style-type: none"> <li>• Find your voice and say something that matters</li> <li>• Perform like a pro with tone, timing, and swagger</li> <li>• Write poems that sound like you – raw, real, and powerful</li> <li>• Play with poetic tools like similes, metaphors, repetition, and rhyme</li> <li>• Build confidence through writing, workshopping, and performing</li> <li>• Learn how to give (and get) helpful feedback</li> <li>• Choose how to publish your poem – perform it, record it, podcast it, zine it, or post it</li> </ul> |                                 |
| <b>Other Information/Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |
| <p>Slam poetry journal or writers notebook:<br/>Binder book, A4, ruled, 96 page</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |

# Money Smarts

## Course Outline

**Course Contribution: NIL**

Money Smarts focuses on the basics of money: how to make it, how to save it, how to spend it and how to invest it. Students will be introduced to the world of buying and selling. It will allow students to gain a greater understanding and develop skills on how to interact within the consumer environment while making wise commercial choices that will assist them in having a secure future. This course provides students with the opportunity to be a team player, problem solver and an informed and responsible consumer in the modern world of commerce.

## What Students Learn About

In this course students will study:

- **How to make money** – Introduction to employment and work, running your own business or developing a side hustle
- **How to save money** — Buying, selling and saving as an individual or group
- **How to spend money** — Understanding how to be a smart consumer. There will also be a focus on major purchases like what you'll need to run a household or purchase a car
- **How to invest money** — A basic introduction into the world of financial markets. Think shares, crypto and other investment options.

## Other Information/Special Requirements

There are no eligibility requirements for this course.

### **Students will need:**

- Binder Book, A4, ruled, 96 page
- Casio Scientific Calculator FX82AUPL2ND - **available from MHS (5 year warranty) for \$38.00.**

| <b>Music – Rock and Pop Band</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |
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| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course Contribution: NIL</b> |
| <p>The Year 8 Rock and Pop Band elective focuses on developing students' skills and abilities to perform in various class ensembles. Students will have the opportunity to learn and play Guitar, Bass, Piano, Drums, and/or Vocals.</p>                                                                                                                                                                                                                                                                                                                                                                        |                                 |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |
| <p>Students will learn to perform and arrange a wide variety of popular and rock songs. The course encourages collaboration, with students working together to learn and perform on different instruments. They will also explore how to arrange songs to create their own unique versions. Additionally, students will gain skills in stage design and the operation of various music tools, including amplifiers and lighting.</p> <p>There will be both internal and external performance opportunities, such as lunchtime concerts, the CAPA showcase, Battle of the Bands, Retro Youth Café, and more.</p> |                                 |
| <b>Other Information /Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |
| <p>Private instrument lessons are not required to successfully complete this course.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |

# Music – Vocal Group

## Course Outline

**Course Contribution: NIL**

The Vocal Group course is designed to develop students' vocal abilities and ensemble singing skills. Students will explore various vocal techniques, harmonization, and performance practices across a wide range of genres, including pop, rock, jazz, and classical. Through regular practice, group work, and performances, students will enhance their musical expression, stage presence, and teamwork abilities.

## What Students Learn About

- Develop fundamental vocal techniques, including breath control, pitch, tone, and diction.
- Gain experience in harmonization and singing in various vocal ensembles.
- Understand the basics of music theory as it applies to vocal performance.
- Develop stage presence and performance confidence.
- Collaborate effectively with peers to arrange and perform songs.
- Explore different musical styles and genres.
- Participate in both internal and external performances.

## Other Information /Special Requirements

Private instrument lessons are not required to successfully complete this course.

| <b>Music – Introduction to Brass Instruments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |
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| <b>Course Outline</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course Contribution: NIL</b> |
| <p>The "Introduction to Brass" course is designed to introduce students to the fundamental skills required to play brass instruments such as Trumpet, Trombone, and French Horn. Students will learn basic playing technique and how to perform a variety of different pieces on their brass instrument, both in solo and ensemble groupings.</p>                                                                                                                                                                                                                                                                                                                                                                 |                                 |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |
| <ul style="list-style-type: none"> <li>• Develop basic playing techniques for brass instruments, including embouchure, breath control, and articulation.</li> <li>• Understand and read musical notation specific to brass instruments.</li> <li>• Learn and perform a variety of pieces in different styles, including classical, jazz, and popular music.</li> <li>• Participate in ensemble playing, developing skills in blending, tuning, and group dynamics.</li> <li>• Gain confidence in performing solo and in group settings.</li> <li>• Explore the history and role of brass instruments in various musical traditions.</li> <li>• Participate in both internal and external performances.</li> </ul> |                                 |
| <b>Other Information /Special Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| <p>Private instrument lessons are not required to successfully complete this course.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |

| Our Virtual World                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Course Outline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Course Contribution: NIL |
| <p><i>Our Virtual World</i> explores how digital technologies like virtual reality (VR), Minecraft, and 360° video are used to build immersive experiences. This course develops both creative and technical skills, giving students the opportunity to design and interact with digital environments and media.</p> <p>Students will complete two major projects, one focused on programming and world design, and the other on immersive media production using 360° video and VR.</p>                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |
| What Students Learn About                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |
| <p>Project 1: Designing Virtual Worlds in Minecraft Education</p> <ul style="list-style-type: none"> <li>• Learn algorithm design and use flowcharts to plan automation and logic</li> <li>• Build and test interactive digital environments using Minecraft</li> <li>• Explore how virtual environments are used in education, urban planning, and tourism</li> <li>• Use programming logic to automate in-game systems and reflect on user experience design.</li> </ul> <p>Project 2: Creating and Evaluating 360° Video Content</p> <ul style="list-style-type: none"> <li>• Learn how 360° cameras work and capture immersive video footage</li> <li>• Edit and produce interactive VR content</li> <li>• Use VR headsets to view, evaluate and reflect on student-created work</li> <li>• Investigate how 360° content is used across industries such as real estate, tourism, training and media.</li> </ul> |                          |
| Other Information/Special Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |
| <p>Students will build skills in project management, creative design, and digital storytelling. Soft skills such as problem-solving, communication, collaboration, and critical thinking are assessed throughout.</p> <p><b>Special requirements:</b></p> <ul style="list-style-type: none"> <li>• Visual diary, A4 (available from MHS for \$5.00)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |

# Paddock to Plate

## Course Outline

**Course Contribution: \$30.00**

Year 8 Paddock to Plate is an introductory course to Agriculture. This course is designed to give students basic theoretical and practical insight into Agriculture in Australia. The emphasis is on hands on activities using the paddock to plate model.

## What Students Learn About

- **Agriculture in Australia**-understand the role of agriculture in our economy and daily lives, and discover key industries like dairy, beef, sheep, poultry and cereal cropping that shape our local region.
- **From Garden to Plate**-learn how to grow, maintain and harvest a variety of fresh produce in the school garden, connecting food production directly to the plate.
- **Enterprises and Local Significance**-explore the major agricultural enterprises relevant to our area and investigate how these industries contribute to regional sustainability and employment.
- **Animal Studies and Husbandry**-study the anatomy, welfare and management of poultry, sheep, pigs and aquaculture species.
- **Practical skills Development**-gain confidence and skills in:
  - Animal handling and care
  - Safe use of farm tools and equipment
  - Maintaining garden beds
  - Planting and harvesting produce.

## Other Information/Special Requirements

- **Safety Gear**-students are required to wear boots, gloves and a hat when working on the school farm. Equipment can be borrowed from the school if needed.
- **Hands on Learning**-regular farm and garden sessions allow students to build real-world skills while learning about sustainability and food production.
- **Theory and Reflection**-classroom-based learning will compliment practical experiences, allowing students to understand the science and ethics behind modern agriculture.
- **Focus on Animal Welfare**-emphasis is placed on low-stress stock handling and best practices in animal husbandry to promote responsible farming.

***Give your child the opportunity to grow, care, create and connect with the land in this exciting and enriching agricultural journey!***

### Students will need:

Work booklet will be provided.

| <b>Photo Media</b>                                                                                                                                                                                                                                                                             |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Course Outline</b>                                                                                                                                                                                                                                                                          | <b>Course Contribution: \$15.00</b> |
| <p>This course gives the students the opportunity to work with computer graphics and digital video programs utilizing the programs; Photoshop, Illustrator, Animate, Adobe Fresco and video editing software. Students will also learn digital camera skills.</p>                              |                                     |
| <b>What Students Learn About</b>                                                                                                                                                                                                                                                               |                                     |
| <p>Students will gain practical skills in:</p> <ul style="list-style-type: none"> <li>• Editing photos using Adobe Photoshop and Illustrator</li> <li>• Creating animations and using editing sequence software</li> <li>• Camera skills</li> <li>• Painting with light (Dark room)</li> </ul> |                                     |
| <b>Other Information/Special Requirements</b>                                                                                                                                                                                                                                                  |                                     |
| <p><b>Students will need:</b></p> <ul style="list-style-type: none"> <li>• Display folder, A4, 20 pocket in which to keep provided instruction sheets</li> <li>• Visual diary, A4 (<b>available from MHS for \$5.00</b>) for recording classwork and projects.</li> </ul>                      |                                     |

# Take a Trip

## Course Outline

**Course Contribution: NIL**

Embark on an exciting journey with our Year 8 elective course, "Take a Trip"! This engaging course equips students with essential skills for modern travel, from navigating Google Maps to budgeting for an adventure. Discover how to use popular travel apps, understand foreign currencies, and adapt to different cultures and climates. Through practical activities and real-world scenarios, students will create their own travel plans, enhancing their digital literacy and organisational skills. Join us to explore the world and prepare for unforgettable adventures—your passport to a future of exploration awaits!

## What Students Learn About

- **Travel Planning and Digital Literacy:** Students gain skills in using digital tools like Google Maps and travel apps to effectively plan and navigate trips.
- **Cultural Awareness and Practical Preparedness:** Learners explore cultural activities, understand climatic diversity, and learn how to pack and prepare for various travel destinations.
- **Financial and Logistical Understanding:** The course covers budgeting for trips, understanding foreign currencies, and navigating time zones and visa requirements.

## Other Information/Special Requirements

There are no eligibility requirements for this course

### **Students will need:**

Binder book, A4, ruled, 96 page

Pens, pencils, glue, ruler