NSW GOVERNMENT Education Public Schools

Grafton High School

2020 Year 8 Elective Prospectus

Achieving Excellence

CONTENTS

Note: All subjects highlighted in yellow will be running in 2020

YEAR 8 CURRICULUM 2020

This booklet outlines the curriculum that students will undertake in Year 8, 2020 and information on the elective subjects that are available for them to select from.

Year 8 Core Curriculum

The core curriculum is made up of the following subjects:

- English
- Mathematics
- Science
- Geography
- History
- LOTE
- Technology
- Music
- Visual Arts
- PDHPE
- SRE
- Sport

Electives

- Students study **two** electives in Year 8.
- They will study these electives for **3** periods a fortnight for the entire year.
- Students can select a variety of electives that interest them. These electives are "tasters" for electives available in Years 9 and 10.

Subject Contributions

Compulsory subject contributions for elective subjects have been indicated in this booklet. These cover the cost of materials used by the students during the course.

Where families are experiencing financial difficulty, application for assistance can be made by obtaining a form from the Front Office. All applications are treated confidentially.

Any queries may be discussed by contacting the school on 6642 3355.

Mr Moar
Deputy Principal

Mr S Townley
Year Adviser

MAKING YOUR SELECTIONS

To make your selections you will log into the following website:

spring.edval.education

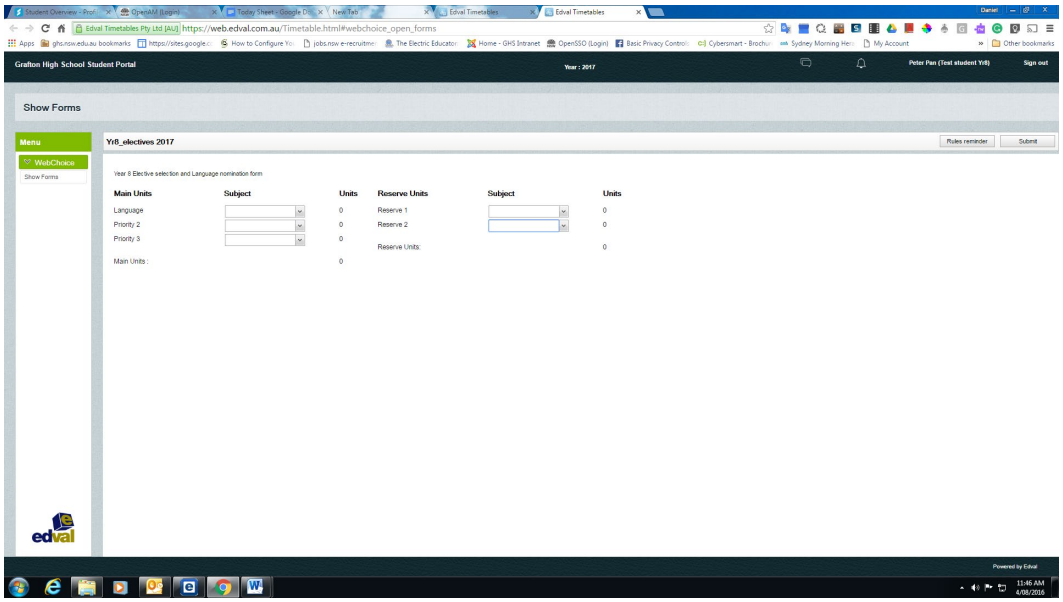
Once you are on this website you will be prompted for your unique webcode which has also been emailed to the following address:

e.g john.smith@ghs.nsw.edu.au

Your webcode is:

e.g WK56LG

You will then see a page similar to the image shown below.



LANGUAGES AND ELECTIVES

In year 8 all students are required to study 100 hours of a language. At Grafton High this is either French or Japanese. We try to place students in the language that they would prefer to study. While we cannot guarantee this we ask that all students make a choice as part of this elective process. You will be prompted to choose your preferred language before choosing your electives.

You are then required to enter your Year 8 Elective Subject choices in priority order. You will notice that you have two main selections and two reserves. The reserves are used when your first two choices clash or a subject may not run. Once you have made your selection click the submit button in the top right corner of the screen. This will be open for one week for you to enter your selections. If you have any questions please see Mr Moar.

2020 ELECTIVE SUBJECT CONTRIBUTIONS

SUBJECT	CONTRIBUTION
Agriculture Technology	$10.00
Dance	$30.00
Digital Film Making	Nil
Drama	$15.00
Food Technology	$55.00
Industrial Technology Engineering	$40.00
Industrial Technology Graphics	$25.00
Industrial Technology Metal	$60.00
Industrial Technology Timber	$60.00
Information & Software Technology	$25.00
Photographic & Digital Media	$35.00
Physical Activity & Sports Studies (PASS)	**Nil
PASS - Rugby League/Union	Nil
STEM	$15.00
Textile Technology	$60.00
Visual Arts – Pottery	$30.00
Visual Arts	$25.00

** *Students will need to cover the cost of admission to some venues*

SUBJECTS

AGRICULTURE TECHNOLOGY

Subject Contribution: $10 **Contact Persons: Mr Kelemec, Mrs Brennan**

Agriculture in Year 8 is an introduction to the practical study of plant and animal enterprises.

COURSE OUTLINE

Plant Production

Approximately 50% of the course will involve outdoor practical activities. Each student will be involved with the production of a food crop, e.g. potatoes at the school farm. Students will carry out all the operations from planting through to harvest. Students will also be introduced to hydroponics and will participate in the growth of a hydroponic crop from planting to harvest. The theory component requires a student to investigate the scientific management of the crop to overcome the factors limiting production.

Animal Production

A "hands on" approach to animal production is followed with students being introduced to Beef Cattle, Sheep, Poultry and Aquaculture.

DANCE

Subject Contribution: $30 **Contact Person: Ms Mills**

RATIONALE

- The Year 8 Dance program is designed for those students with an interest in movement to music.
- Students are given an introduction to the art form of Dance.
- The course will follow the syllabus of Performance, Composition and Appreciation.

COURSE CONTENT

• Technique and Performance	Jazz Stage Musicals Modern Dance Theatre Skills
• Composition	Creative Dance Choreographic Skills
• Social Nature	Fad Dance Hip Hop
• Educational Theories	Modern Dance Safe Dance History of Dance

Students must provide dance gear: shorts and sports shirt OR aerobic gear. Dance shoes are optional.

Special performances are a part of this course. Students may also perform throughout the year. Course fees partially cover the cost of a class costume.

A Booklet is provided to cover the theory component as well as Chromebook lessons.

DIGITAL FILM MAKING

Subject Contribution: Nil **Contact Person: Mr Piper**

Do you think you have what it takes to be the next Spielberg, Tarantino or Burton? Or maybe you want to be one of the new generation of low budget *You Tube* filmmakers?

This is the course for you!

Throughout this course you will become a creative mastermind as you write, direct, edit and market your own short film. Your project will then be shown at an open film night at the end of the semester.

You will hone your creative writing skills as you develop a story that you will storyboard and script.

You will then develop your practical filmmaking skills as you learn how to get the most out of your equipment to produce high quality video footage and sound for your film.

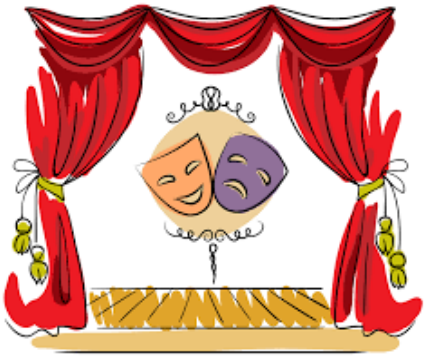
You will then head to the editing room where you understanding of the technical elements of film will be paramount as you edit your project digitally. This will include choosing music; your final shots and creating animated titles to give your film the final edge.

The final component will involve you creating a poster to entice an audience to come see your film.

This course will be coming to a classroom near you!

DRAMA
Get Involved!

Subject Contribution: $15 **Contact Person: Ms Mills**



MIME/PUPPETS: Explore your imagination

IMPROVISATION: Challenge your emotions

SCRIPTED SCENES: Exercise your mind

YOUR OWN SCRIPTS: Manipulate your body

You may even *ENJOY* yourself!

Drama may help you to:

- Use your voice effectively
- Work co-operatively and creatively in groups
- Use movement effectively
- Communicate with more skill and confidence
- Learn from other creative people
- Master methods of relaxation and concentration

Special performances are a part of this course.

A Booklet is provided to cover the theory component as well as Chromebook lessons.

FOOD TECHNOLOGY

Subject Contribution: $55 Contact Persons: Mrs Thomson, Mrs Strano

Food Technology is an enjoyable and valuable subject available to all students.

The course consists of a practical component and a theory component. Both are equally important.

Why Study Food Technology?

- To make and eat great food
- To read and follow written recipes
- To understand terms in written recipes
- To be able to prepare a wide range of foods
- To vary learning by practical experience
- To apply technology to everyday living
- To appreciate cultural differences within society
- To work as a co-operative team member
- To function as a responsible consumer

What you do?

- learn a variety of methods to prepare and cook foods
- cook nutritious meals and snacks

Practical and Theory Work

Students are expected to participate in all practical and theory lessons.

Students, for WH&S requirements, must have all approved personal protective equipment including covered leather shoes, own apron and have long hair tied back. Students must provide a container for each practical lesson.

How are you assessed?

All practical work, assignments and tests are an important part of your assessment.

Practical Work	50%
Student activities including theory	30%
Workplace Health and Safety	20%

INDUSTRIAL TECHNOLOGY ENGINEERING

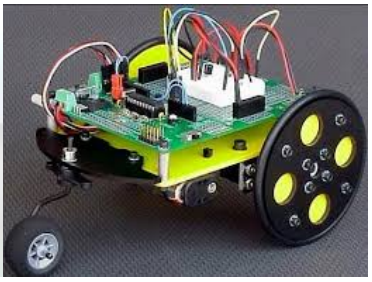
Subject Contribution: $40 **Contact Person: Mr Martin**

Year 8 Engineering encourages enjoyment and personal satisfaction through the production of practical projects. Year 8 Engineering consists of basic engineering skills involving the combined use of design, graphics and electronics with the introduction of hand and power tools to make selected projects. Through practical activities students develop competence in design and the correct use of tools and equipment. Associated written work is also given to help students in achieving their educational goals. Engineering provides opportunities to:

- relate to vocational and leisure time activities
- gain an understanding and appreciation of safety
- develop consumer related knowledge
- investigate the practical solution of problems
- develop respect for quality design and craftsmanship

Types of jobs may include projects like:

- Rockets
- Towers
- Solar Powered Designs
- Mechanical Machines



Practical and Theory Work

Students are expected to participate in all practical and theory lessons.

Students, for WH&S requirements, must wear covered leather shoes, approved personal protective equipment, an apron and have long hair tied back.

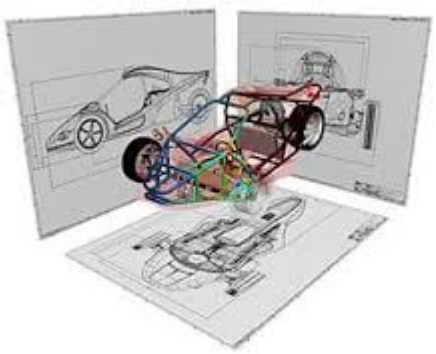
How are you assessed?

All practical work, assignments and tests are an important part of your assessment.

Practical Work	50%
Student activities including theory	30%
Workplace Health and Safety	20%

INDUSTRIAL TECHNOLOGY GRAPHICS

Subject Contribution: $25 each year **Contact Person: Mr Martin**



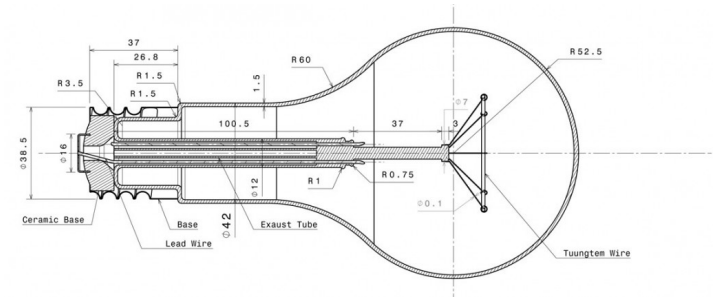
Who drew the pictures for your car's handbook? What do the symbols mean on a house plan? How does a landscaper design a garden? What does the term CAD mean? Rapid technological developments and increased consumer demands have meant an increased role for graphics in contemporary society. Graphics are important for thinking and communicating - just take a look at a computer screen!

By studying Graphics Technology students will learn many of the traditional and contemporary drawing techniques used in drafting, graphic arts and design fields. These skills range from traditional orthographic standards and techniques through to freehand rendering using markers and other media.

The TAS Computer Room enables students to produce work using various CAD packages. As well, students will learn to use desktop publishing programs and specialist programs for home design and landscape design.

The presentation and communication skills developed in Technical Drawing will assist those students who wish to pursue careers in Engineering, Architecture, Industrial Design, Building, Drafting as well as various Trade Courses.

Students undertaking Technical Drawing will be required to provide their own drawing equipment including pencils, set squares, circle template, drawing instruments and an A3 portfolio.



INDUSTRIAL TECHNOLOGY METAL

Subject Contribution: $60 **Contact Person: Mr Litchfield, Mr Rickaby**

Year 8 Metal encourages enjoyment and personal satisfaction through the production of practical projects. Year 8 Metal consists of basic metalwork skills involving the use of hand tools, with the introduction of power tools to make selected projects. Through practical activities students develop competence in design and the correct use of tools and equipment. Associated written work is also given to help students in achieving their educational goals.

Metalwork provides opportunities to:

- relate to vocational and leisure time activities
- gain an understanding and appreciation of safety
- develop consumer related knowledge
- investigate the practical solution of problems
- develop respect for quality design and craftsmanship

Types of jobs may include projects like:

- Toolbox/Carry All
- Copperwork Project
- Pot Plant Holder
- Decorative Hat Hooks
- Weather or Garden Ornament
- "Tin Man" Pen Holder

Practical and Theory Work

Students are expected to participate in all practical and theory lessons.

Students, for WH&S requirements, must wear covered leather shoes, approved personal protective equipment, an apron and have long hair tied back.

How are you assessed?

All practical work, assignments and tests are an important part of your assessment.

Practical Work	50%
Student activities including theory	30%
Workplace Health and Safety	20%

INDUSTRIAL TECHNOLOGY TIMBER

Subject Contribution: $60 **Contact Persons: Mr Litchfield, Mr Rickaby**

Year 8 Timber encourages enjoyment and personal satisfaction through the production of practical projects. Year 8 Timber consists of basic timberwork skills involving the use of hand tools, with the introduction of power tools to make selected projects. Through practical activities students develop competence in design and the correct use of tools and equipment. Associated written work is also given to help students in achieving their educational goals. Timberwork provides opportunities to:

- relate to vocational and leisure time activities
- gain an understanding and appreciation of safety
- develop consumer related knowledge
- investigate the practical solution of problems
- develop respect for quality design and craftsmanship

Types of jobs may include projects like:

- Spice rack
- Foot stool
- Coffee mug rack
- Paper towel rack
- Small table

Practical and Theory Work

Students are expected to participate in all practical and theory lessons.

Students, for WH&S requirements, must wear covered leather shoes, approved personal protective equipment, an apron and have long hair tied back.

How are you assessed?

All practical work, assignments and tests are an important part of your assessment.

Practical Work	50%
Student activities including theory	30%
Workplace Health and Safety	20%

INFORMATION & SOFTWARE TECHNOLOGY
Social Media Marketing

Subject Contribution: $25 **Contact Person: Mr Martin**

There has never been a better time to develop your expertise in this area. Social media marketing is booming! More and more businesses are turning to social media to harness its reach. Jobs in the industry are also on the rise.

This course involves students making projects using computer software. Projects will include producing custom digital images for the web, creating and editing videos/animations as advertisements, maintaining a 'mock' social media profile for communication purposes, interacting with 'mock' customers by creating online forms and practicing online communication skills.

Equipment will involve; Computers, iPads, Tripods, Wacom Tablets, Digital Cameras, Microphones

Projects will include:

- Custom made Graphics/Images
- Animations for Advertising
- Short Video Clips for Marketing purposes

Please note, students will not be able to access social media websites from school. Creation of 'mock' account will be through https://www.classtools.net/FB/home-page. "Fakebook" allows teachers and students to create imaginary profile pages for study purposes.

PHOTOGRAPHIC & DIGITAL MEDIA

Subject Contribution: $35 **Contact Person: Miss Feeney**

A range of photographic and filmmaking is the focus of this elective. Students will investigate and develop skills in:

- Use of Cameras
- Black and White Film Development / Digital Media
- Creative Photography and Film Making
- Historical and Contemporary Study of Photography
- The Role and Significance of Photography in Society.

Student will be required to develop a photographic portfolio and provide a thumb drive for this elective.

PHYSICAL ACTIVITY AND SPORTS STUDIES

Subject Contribution: Nil **Contact Person: Mr Hartmann**

The Physical Activity and Sports Studies Elective is designed for those students interested in the 'How and Why' of sport. You do not need to be an outstanding athlete, but you should be a keen sports person, active and self-motivated.

COURSE CONTENT

Core

- Foundations of Fitness
- Volleyball
- World Games

Options

- Street Hockey
- Sport Science Lab Experiments

ASSESSMENT

Each of these content areas carries a Practical and Theoretical component.

COST

All equipment is supplied. However, students will need to cover the **cost of admission to some venues.**

Some comments from previous Year 8 students:

- ✓ *Made me more confident to play sport.*
- ✓ *I'm fitter and healthier.*
- ✓ *It's fun and enjoyable.*
- ✓ *I've learned a lot of new skills.*

PHYSICAL ACTIVITY AND SPORTS STUDIES (RUGBY LEAGUE/UNION)

Subject Contribution: Nil **Contact Person: Mr Hartmann**

Generally, PASS is geared for students who have an interest in physical activity, sport and human performance. However, this PASS elective is aimed towards those students who have a specific interest in the Rugby codes.

The course is practical in nature; however, students will complete theory activities based on training and coaching, as well as gaining a theoretical knowledge of the sport and some aspects of sports science.

This course is designed for highly motivated, self-disciplined students who can get along with other student members in a relaxed but demanding school environment.

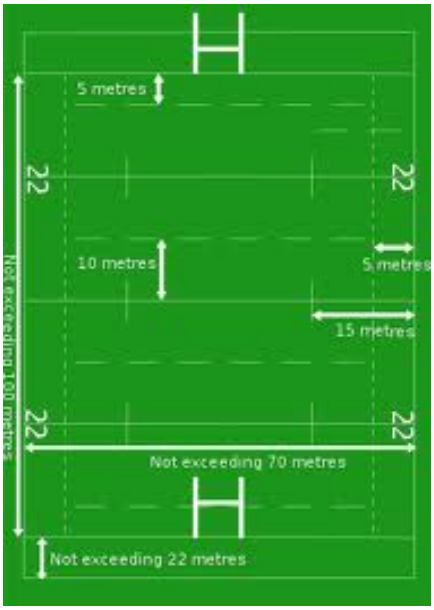
Students selecting this course must be aware that "playing the game" is a minor aspect of the course. However, it is assumed that students will participate in school representative teams.

COURSE CONTENT

- Foundations of Fitness
- Rugby League Skills
- Rugby Union Skills
- Refereeing

COST

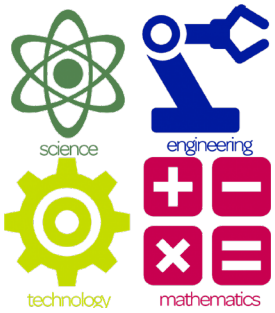
All equipment is supplied. However, students will need to cover the **cost of admission to some venues.**



STEM

Subject Contribution: $15 **Contact Persons: Mrs Brennan, Mr Maginnity**

The Year 8 STEM (Science, Technology, Engineering and Mathematics) elective is designed to increases student's interest in STEM-related fields and improves students' problem-solving and critical analysis skills.



Students will undertake STEM projects both individually as well as in small groups throughout this one year course. Within each project students will document their learning through a digital portfolio. Projects that students may undertake with the STEM elective include:

- Flying Car prototypes
- Construct Renewable Energy Devices
- Robotics/Coding
- Using Digital Technologies and devices to create virtual experiences

Within these projects students will follow the STEM process of research, understand, design, test analyse and evaluate.

TEXTILES TECHNOLOGY

Subject Contribution: $60 **Contact Persons: Mrs Strano, Mrs Butcher**

The course consists of a practical component and a theory component - both are equally important.
The course aims to develop skills in all Focus Areas as well as knowledge of fabrics and their performances. Students are expected to learn the correct use of the sewing machine and to handle it with care at all times.

You will make textile items from the following focus areas:

- Apparel
- Non Apparel
- Furnishings
- Textile Art
- Costume

Practical and Theory Work

Projects will be made from the focus areas to suit their own needs and abilities.

Practical work will be the major part of the assessment and must be made in class.

All practical requirements will be supplied by the school, which will include fabric, embellishments and fabric paints.

Students are expected to participate in all practical and theory lessons.

Students, for WH&S requirements, must wear covered leather shoes.

How are you assessed?

All practical work, assignments and tests are an important part of your assessment.

Practical Work	50%
Student activities including theory	30%
Workplace Health and Safety	20%

VISUAL ARTS - POTTERY

Subject Contribution: $30 **Contact Person: Miss Feeney**

Pottery explores how clay is used to create practical and ornamental objects.

Additional skills such as moulding are combined with basic skills.

Glazing and kiln firing are introduced as part of the process.

Themes and subjects are used to inspire clay works rather than the craft alone.

Students are also to keep a pottery journal, for assignments, research and recording works.

VISUAL ARTS

Subject Contribution: $25 **Contact Persons: Miss Feeney**

Provides opportunities for students to further develop their artistic and creative skills. Through individual art making, and historical and critical study, students extend their skills and understanding in a wide variety of mediums and techniques, including of:

- Drawing
- Painting
- Print making
- Sculpture
- Mixed Media

Students have the opportunity to participate in exhibitions, excursions and gallery visits.

Writing about art is also developed and students keep a visual diary to record the "hows" and "whys" of their own and other's art works.

TECHNOLOGY & APPLIED STUDIES (TAS)
SAFETY REQUIREMENTS

Due to Department of Education regulations, no student will be able to participate in TAS practical lessons unless they have the following:

- ✓ Long hair tied back
- ✓ Leather, covered shoes – not soft cotton/canvas, ballerina, plastic or sandals
- ✓ Apron
- ✓ Safety glasses must be worn in all Industrial Arts areas. A limited number will be available within each workshop or alternatively they are available for purchase from the canteen for $3.50.