Stage 5
Record of Student Achievement (RoSA)

Year 9-10

2015-2016
Introduction

During Years 9 and 10 students will need to study three (3) electives. Once electives are selected, there will be no changing, therefore students need to take time and give their choices careful thought. The electives will appear on the Record of Student Achievement (RoSA) when they leave school.

It is essential that students and parents/carers read through the course outlines provided in this booklet and speak to the contact persons listed if there are any concerns.

It is suggested that students select the subjects that they feel they will have an interest in and that they will enjoy. Students need to be aware of any costs involved and also of any special requirements.

Please note that not all courses will run - it will depend on student preference / demand, however every effort will be made to place each student in three (3) elective lines of their choice.

Mr L Buchanan
Year Adviser
ELECTIVE SUBJECTS - BOARD COURSES

Contents

1. CREATIVE AND PERFORMING ARTS (CAPA): 5-7
   (a) Dance
   (b) Drama
   (c) Music
   (d) Visual Arts
   (e) Visual Design
   (f) Photographic & Digital Media

2. HUMAN SOCIETY AND ITS ENVIRONMENT (HSIE) and LANGUAGES OTHER THAN ENGLISH (LOTE): 8-11
   (a) Aboriginal Studies
   (b) Commerce
   (c) Japanese
   (d) Work Education

3. PERSONAL DEVELOPMENT, HEALTH & PHYSICAL EDUCATION: 12
   (a) Physical Activity and Sports Studies (PASS only)

4. TECHNOLOGICAL AND APPLIED STUDIES (TAS): 13-21
   (a) Agriculture
   (b) Food Technology
   (c) Graphics Technology (GT)
   (d) Industrial Technology
      (d-1) Industrial Technology – Building Construction (ITC)
      (d-2) Industrial Technology – Electronics (ITE)
      (d-3) Industrial Technology – Farm Maintenance (ITF)
      (d-4) Industrial Technology – Jewellery (ITJ)
      (d-5) Industrial Technology – Metal (ITM)
      (d-6) Industrial Technology – Timber (ITT)
   (e) Information and Software Technology (IST)
   (f) Marine & Aquaculture Technology
   (g) Textiles Technology

5. ELECTIVES SELECTION SHEET 22
## Administration Fees

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<td>School Contribution</td>
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<td>School Technology Administration Fee</td>
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<td>Sports Development Program (SDP)</td>
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<td>ATP (Academic Talent program)</td>
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<td>Tweed Valley Sport Bus</td>
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<td>Motivational Programs</td>
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## Subject/Courses

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<tr>
<th>Subject/Courses</th>
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<tr>
<td>Agriculture (AG)</td>
</tr>
<tr>
<td>Dance (DN)</td>
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<td>Drama (DR)</td>
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<td>Food Technology (FT)</td>
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<td>Graphics Technology (GT)</td>
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<tr>
<td>History</td>
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<tr>
<td>Industrial Technology Year 9 focus areas</td>
</tr>
<tr>
<td>- Building and Construction (ITC)</td>
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<tr>
<td>- Electronics (ITE)</td>
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<td>- Farm Maintenance (ITF)</td>
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<td>- Jewellery (ITJ)</td>
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<td>- Timber (ITT)</td>
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<tr>
<td>Industrial Technology Year 10 focus areas</td>
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<tr>
<td>- Building Construction (ITC)</td>
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<td>- Electronics (ITE)</td>
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<td>- Farm Maintenance (ITF)</td>
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<td>- Jewellery (ITJ)</td>
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<td>- Metal (ITM)</td>
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<td>- Timber (ITT)</td>
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<tr>
<td>Information Software &amp; Technology (IST)</td>
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<tr>
<td>Marine &amp; Aquaculture Technology (MAT)</td>
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<tr>
<td>Music – Elective (MU)</td>
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<td>Physical Activity and Sports Studies (PASS)</td>
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<td>Textiles Technology (TX)</td>
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<tr>
<td>Visual Arts – Elective (VA)</td>
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<tr>
<td>Visual Design – (VD)</td>
</tr>
<tr>
<td>Work Education (WE)</td>
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<tr>
<td>Work Experience – Year 10</td>
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</tbody>
</table>

*For full list of School Fees please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)*
1. **Creative and Performing Arts (C.A.P.A)**

(a) **DANCE**

This is a dance training course for all students with an interest in dance. Students of all ability levels will be catered for and must be prepared to be actively involved in dance instruction. It is recommended that SDP Dance students enrol in this elective.

Dance in our society is a cultural, economic and artistic part of life and as a visual and performing art can be presented and appreciated in a variety of ways.

In Years 9 and 10 the course has three major areas:

*Performance, Composition and Appreciation*

Students will develop the ability to:
- Express themselves through dance
- Appreciate, perform, and compose in dance
- Appreciate dance as an art form
- Promote an understanding of themselves and others by providing opportunities for them to work in co-operative circumstances

Although all dance styles are taught there is a focus on developing dance technique in a contemporary dance style.

**Cost of Course: Please refer to the school website** [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Relieving Head of Faculty: Mrs M Alsop**
(b) DRAMA

Aims of the Course:

To actively involve students in all aspects of dramatic work.

Students will be involved in learning skills and techniques associated with dramatic work, e.g., mime and improvisation, role playing, play production, acting, scriptwriting, stage make-up, costume, lighting etc.

Special requirements of the course:

This is a course for students who want to be involved - there are no parts for spectators. Students will also be required to be active members of audiences for live performances.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mrs M Alsop

(c) MUSIC

The Year 9 and 10 music course is a great way to increase and develop your knowledge of music. You don't need to be able to play an instrument or even sing that well, but it would help if you can. You could be the next Silverchair, Ben Harper, Metallica, Brittany Spears or Beyoncé.

For those people who learn an instrument outside of school this will provide you with the opportunity to play in ensemble and band situations, something that private music lessons can’t offer.

This course also provides students with an opportunity to become a member of the Tweed River High School Stage Band.

You will be involved in writing and recording your own songs and performing music of varying styles; Classical to Jazz, and Rock to Grunge etc.

Within the program you will have the chance to develop your voice, keyboard, string guitar, or drumming skills, along with other instruments not listed above.

This course offers a more in-depth study of music, building on skills and knowledge already gained.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mrs M Alsop
(d) **VISUAL ARTS**

For the students who select Visual Arts as an elective in Years 9 and 10, there is a wide range of exciting experiences to look forward to.

With the extra time an Elective subject offers there are plenty of opportunities to explore a variety of art making ideas. Some of the areas we will cover are designed to enhance your abilities and talents in the Visual Arts, they include:

- Mixed Media Sketching
- Sculptural and Three Dimensional Artworks (3D)
- Clay and Ceramic Works
- Painting Techniques in acrylic, oil and water colours
- Multi Media creations in 2D/3D - computing
- Printmaking including - Screen printing/Dry Point Etching/Lino Printing
- Canvas Painting
- Design
- Conceptual contemporary art making
- Wearable Art - Jewellery making
- Advertising/Business and Commercial Design
- Historical Appreciation/Critical Studies
- Computer generated image making

The elective classes of Years 9 and 10 will provide a creative, interesting environment to develop and build upon the skills and techniques you have developed in years 7 and 8, as well as give every student an opportunity to try many new ideas and exciting projects.

Those students who choose to do this course will receive a grounding to assist them going on into Senior Classes. It is also a valuable help for those students who wish to go into a Visual Arts, Graphics and Art Design Career.

**Material Required:** Visual Arts Process Diary, Drawing pencils (see Teacher), Coloured pencils

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Relieving Head of Faculty:** Mrs M Alsop
(e) VISUAL DESIGN
In Visual Design students will explore the role of design and the designer, make design artworks and develop design skills and practices.

Focus: Design Project Areas may include:

Print:            Publication
                 Illustration
                 Interactive multimedia
                 Advertising

Object:          Clothing, costume
                 Accessories and jewellery
                 Textiles
                 Furniture

Space Time:      Web design
                 Interactive
                 Structures and environments

Students will create design artworks using a variety of techniques and materials, such as printmaking, construction, Adobe Illustrator, Adobe Photoshop and animation.

Material Required: an A3 Visual Design Diary and a USB stick

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mrs M Alsop
In Photographic and Digital Media students will make artworks using digital and some traditional photographic and video techniques.

Focus: Art-making Areas may include:

**Still:** Camera based works
- Manipulated images
- Computer generated images

**Interactive:** Performance works
- Games
- Web design

**Moving:** Video
- Film
- Animation

Students will explore and appreciate the critical and historical role and influence of photography and digital media.

**Materials required:** USB stick, school laptop

**Relieving Head of Faculty:** Mrs M Alsop
2. Human Society and its Environment (H.S.I.E) and Languages other than English (L.O.T.E)

(a) Aboriginal Studies - Years 9 and 10
By choosing Aboriginal Studies you will achieve a better understanding of Aboriginal culture, a series of other cultures and a better understanding of Australian and world history.

These are some of the things you will be doing:

EXCURSIONS: * Bush Tucker Camps
* Dreaming at Burleigh Headland
* Fingal Headland

LEARN ABOUT: * Aboriginal Art
* Aboriginal technology
* The Inuit, Lakota, Ainu and other Indigenous nations in other parts of the world

UNDERSTAND: Australian and world history from a new perspective

LISTEN TO: Archie Roach, Yothu Yindi and other contemporary ATSI musicians and leaders

WATCH: Various media that will both educate and entertain

CREATE: Resources for other students to use, so that they will understand Aboriginal Australia and other indigenous cultures.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Head of Faculty: Ms D Moore
(b) COMMERCE - Years 9 and 10

Who is Commerce for?
The short answer is EVERYBODY! Especially if you are someone who wants to:
• be employed
• buy things
• budget and save
• run a business

What you will do?
* You will go on excursions to places such as a police station, law courts, CES offices, retail shops, fast food outlets, financial institutions and manufacturing firms.

* Modern technology will be used during the course in areas such as business simulation, stock exchange, spreadsheets, databases, CD-ROM and on-line searches using the Internet.
PLAY THE ASX STOCK MARKET GAME!

Future Prospects:
Commerce gives excellent grounding for Business Studies, Economics and Legal Studies in the Senior School and provides students with important 21st Century skills.

Topics include:
• Consumer Choice
• Personal Finance
• Law and Society
• Employment issues

Plus options such as:
• E-commerce
• Travel
• Promoting and Selling
• Running a business

The Basic Rules for Commerce are:
• Enjoy what you are learning
• The work you cover happens in real life

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Head of Faculty: Ms D Moore
(c) JAPANESE
Japanese in Year 9 and 10 involves study of the language and the people of Japan.

What will you learn?
Students will embark on a learning journey, which will see them broaden their horizons culturally and allow them to communicate at a simple level with Japanese people.

You will be able to:
• master the writing script of Hiragana and basic Kanji
• with the use of these scripts, students are able to confidently express themselves in letters, e-mails etc.

Draw, listen and learn:
• Manga (cartoons) are used to entice students to improve their reading ability
• CDs are used for listening activities so students are hearing and understanding native Japanese speakers.

THE JOURNEY IS YOURS FOR THE TAKING, if you would like to embark on a learning tour that will equip you with useful skills that will enhance your career opportunities. In the 21st Century it is even more important to be able to communicate in more than one language.

Some Employment Opportunities:

<table>
<thead>
<tr>
<th>Diplomat</th>
<th>Bank Officer</th>
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<tbody>
<tr>
<td>Hotel/Motel Manager</td>
<td>Interpreter</td>
</tr>
<tr>
<td>Teacher</td>
<td>Tour Guide</td>
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<tr>
<td>Translator</td>
<td>Ship’s Captain</td>
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<tr>
<td>Defence Forces</td>
<td>Flight Attendant</td>
</tr>
<tr>
<td>Journalist</td>
<td>Welfare Worker</td>
</tr>
<tr>
<td>Receptionist</td>
<td>Sales Assistant</td>
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<tr>
<td>Hospitality</td>
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</tbody>
</table>

Learning a second language aids students to improve their skills in their own language and facilitates their ability to learn other languages more easily.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Head of Faculty: Ms D Moore
(d) WORK EDUCATION COURSE

Do you want to?
- Investigate careers and plan your future?
- The opportunity in Year 9 and 10 to be out in the workplace and doing Work Experience?
- Know your workplace rights and responsibilities?
- Hear community speakers on how to get a Traineeship or Apprenticeship?

You will:
- Keep a Log Book of your employability skills and work experiences
- Electronically produce your own resume

Future Prospects:
Students who want to gain an apprenticeship or traineeship when they leave school will find this course of great benefit. It also suits those students who intend to study Work Studies or a vocational course in Years 11 and 12 such as Business Services or study at TAFE.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Head of Faculty: Ms D Moore

**PHYSICAL ACTIVITY AND SPORT STUDIES (PASS)**

Physical Activity and Sports Studies represents a broad view of physical activity and the many possible contexts in which individuals can build activity into their lifestyle. It incorporates a wide range of lifelong physical activities, including recreational, leisure and adventure pursuits, competitive and non-competitive games, and individual and group physical fitness activities.

Participation in regular physical activity is essential to improving health status and quality of life. Health experts agree it can reduce the likelihood of obesity, non-insulin dependent diabetes, coronary heart disease, hypertension and cancers. Research shows regular physical activity to also be effective in stress management, therapy and rehabilitation, injury prevention and the promotion of physical fitness. Individuals who lead an active lifestyle enjoy a positive sense of general well being, heightened energy levels and improved ability to concentrate.

This subject will assist students to perform well in the senior PDHPE and Sport Lifestyle and Recreation (SLR) subjects. It will also benefit students wishing to pursue employment in the sport and recreation industry.

These are possible units that students may study across Years 9 & 10. This will be at teacher’s discretion. Other units may be developed.

<table>
<thead>
<tr>
<th><strong>PASS THEORY – 2014-2015</strong></th>
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<tbody>
<tr>
<td><strong>Year 9</strong></td>
<td><strong>Year 10</strong></td>
</tr>
<tr>
<td>‘Australia’s Sporting Identity’</td>
<td>‘Opportunities and Pathways’</td>
</tr>
<tr>
<td>‘Technology and Sport’</td>
<td>‘Nutrition and Physical Activity’</td>
</tr>
<tr>
<td>‘Body System and Energy Systems’</td>
<td>‘Outdoor Education’</td>
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<tr>
<td>‘Outdoor Education’</td>
<td>‘Coaching’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PASS PRACTICAL – 2014-2015</strong></th>
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<tbody>
<tr>
<td><strong>Year 9</strong></td>
<td><strong>Year 10</strong></td>
</tr>
<tr>
<td>‘Aquatics’</td>
<td>‘Resistance Training’</td>
</tr>
<tr>
<td>‘Resistance Training’</td>
<td>‘Aquatics’</td>
</tr>
<tr>
<td>‘Games/Adventure Sports’</td>
<td>‘Fundamental Movement Skills’</td>
</tr>
<tr>
<td>‘Physical Activity for Health and Fitness’</td>
<td>‘Games/Adventure Sports’</td>
</tr>
</tbody>
</table>

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Head of Faculty:** Mr M Green
4. Technological and Applied Studies – Key Learning Area Subjects

(a) AGRICULTURE

Agriculture is a dynamic subject, which combines knowledge and practical experiences in a pleasant farm setting. 80% of the course provides learning through practical experiences with a small theoretical component supplementing and cementing the knowledge acquired during practical.

The course develops knowledge and skills of agriculture in the following contexts;

<table>
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<tr>
<th>Year 9</th>
<th>Year 10</th>
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<tbody>
<tr>
<td>Poultry 1</td>
<td>Poultry 2</td>
</tr>
<tr>
<td>Vines and Herbs</td>
<td>Nursery plants and bees</td>
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<tr>
<td>Sheep</td>
<td>Cattle</td>
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<tr>
<td>Sugar cane</td>
<td>Tropical fruit trees</td>
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<tr>
<td>(Vegetable growing across all topics and all terms)</td>
<td></td>
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</tbody>
</table>

Students should be able to describe different breeds in a wide range of animal and plant species, implement responsible production of plant products, follow safety and hygiene practices when working at the school farm and perform controlled experiments for plants and animals.

Agricultural Technology is a Year 9-10 Technology elective subject. This subject has been offered at Tweed River High School for many years and the facilities are excellent. The school farm is a number of acres in size and offers all aspects of Agricultural Technology including:

- Outdoor classrooms
- Sheep and cattle
- Hens and chickens
- Mature orchard establishment
- Bees and honey
- Herbs
- Horticulture
- Shade and green house facilities
- Brooders and incubators for poultry studies
- Vegetable and flower gardens
- Animal and plant experimental research devices
- And much more

Cost of Course: Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

Head of Faculty: Mr I Hayward
(b) **FOOD TECHNOLOGY**

Food Technology is an elective, which is offered in Years 8 - 12. This course involves students in Year 9 and 10 investigating food through practical "hands on" applications and processes. It provides opportunities for students to evaluate the impact of food technologies on society and the environment and includes work on the nutritional needs of all people.

There is a fee attached to Food Technology which covers the costs of food used and consumed by the students. If students select this subject it is a requirement that these fees are paid, as this is the only source of funds for consumable items. Students will undertake a variety of experiences including practical cookery, theory, assignments, research, and use of computers for many assessment activities.

<table>
<thead>
<tr>
<th>YEAR 9 Food Tech</th>
<th>Year 10</th>
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</thead>
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<tr>
<td><strong>Focus Areas</strong></td>
<td><strong>Focus Areas</strong></td>
</tr>
<tr>
<td>Food in Australia</td>
<td>Changes in Food</td>
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<tr>
<td>Food Selection &amp; Health</td>
<td>Preservation, Technology,</td>
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<tr>
<td>Nutrition &amp; Consumption</td>
<td>and Shopping.</td>
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<tr>
<td>Food for Special Occasions</td>
<td>Development of New Foods</td>
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<td></td>
<td>&amp; Packaging</td>
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<td></td>
<td>Food Trends</td>
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<td></td>
<td>Food Service &amp; Catering</td>
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<tr>
<td><strong>Unit</strong></td>
<td><strong>Unit</strong></td>
</tr>
<tr>
<td>Term 1. Aussie Bites</td>
<td>Term 1.</td>
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<td></td>
<td>Just Give Me the facts</td>
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<tr>
<td>Term 2. Is it Good for Me?</td>
<td>Term 2.</td>
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<tr>
<td></td>
<td>Food Product Development</td>
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<tr>
<td>Term 3. Eat Well, Live Well</td>
<td>Term 3.</td>
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<tr>
<td></td>
<td>What’s In</td>
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<tr>
<td></td>
<td>What’s on the Menu</td>
</tr>
</tbody>
</table>

Students require an apron, placemat and tea towel in their practical lessons for safety and hygiene purposes. A display folder will be required for theory work. It is Department of Education Policy that covered footwear (preferably leather) is worn in practical situations for safety.

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Head of Faculty:** Mrs J Amos
(c) GRAPHICS TECHNOLOGY (GT)
Graphics Technology enables students to practice logical thought and decision making while developing skills applicable to a range of domestic, commercial and leisure activities such as logo development, product design and architecture.

Students will engage in both manual and computer-based forms of image generation and manipulation and develop knowledge of the wide application of graphics in a variety of contexts and an ever-increasing range of vocations.

Graphics Technology develops a student’s technical and visual literacy, equipping them for participation in a technological world.

Assessment: Includes a portfolio of drawings, assignments and tests

Equipment: The school sells a basic drawing kit at cost.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch

Each focus area consists of 4 modules.

“Industrial Technology” may be studied in a maximum of two of the following focus areas.

(d) INDUSTRIAL TECHNOLOGY

Industrial Technology may be studied in one or a maximum of two of the following focus areas. Students must complete Modules One and Two in Year 9 before they can progress to the Specialised Modules in Year 10. Students commencing at Tweed River in Year 10 must have studied the focus area in Year 9 to be eligible for entry to classes in Year 10.

The majority of the assessment in this course is through the construction of practical projects.

Focus Areas:
Building and Construction    Electronics    Farm Maintenance
Jewellery    Metals - Fabrication    Timber

NOTE: Total hours in the subject may equal 400 hours.
Course combinations in Years 9 &-10 may include:
1 x 100-hour course = 1 focus area for one year (Year 9)
1 x 200-hour course = 1 focus area for two years (Years 9 & 10)
2 x 200-hour courses = 2 focus areas for two years (Years 9 & 10)

Each course may be based on the study of one focus area only ie. Timber OR Metals.
Where a student undertakes two courses in Industrial Technology, they must be from different focus areas ie. Timber AND Metals.
(d-1) INDUSTRIAL TECHNOLOGY - BUILDING CONSTRUCTION (ITC)

The building and construction focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the building and associated industries. Core modules develop knowledge and skills in safety and the use of materials, tools and techniques related to building and construction. These are enhanced and further developed through the study of specialist modules in:

- Construction and Renovation
- Outdoor Structures and Landscapes

Assessments: Individual and group folios, projects, assignments and tests.

Practical projects:
- construction of small structures eg. Seating, shade, BBQ areas
- scale models, skill development projects – elementary repairs and renovations – development of garden and recreational areas
- work undertaken on isolated building models and mock-ups

Equipment:
For safety reasons; long hair is to be tied back and fully enclosed shoes and an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils, coloured pencils.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch

(d-2) INDUSTRIAL TECHNOLOGY - ELECTRONICS (ITE)

The electronics focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the electronics and associated industries.

Assessment: Consist of projects, folios, assignments and tests.

Practical Projects: Low voltage practical projects will provide opportunities for students to develop specific knowledge, understanding and skills related to:

- Electronics circuitry
- Electronic controlled devices
- Computer systems

Equipment:
For safety reasons; long hair is to be tied back and fully enclosed shoe and an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils, coloured pencils.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch
(d-3) INDUSTRIAL TECHNOLOGY - FARM MAINTENANCE (ITF)

This course is not just for farmers. Students with a practical interest in small engines, building and construction and metal fabrication are able to develop their knowledge and understanding of the materials and processes associated with the production and maintenance of a range of products used in most households and backyard sheds.

The Core modules develop student’s knowledge and skills in the use and application of materials, tools and machines to safely manufacture and maintain sheet metal and fabricated products as well as small engines and building construction. These skills are then enhanced through the study of engineering design and methods of communicating information within the industry.

Students will have the opportunity to design and manufacture a range of products including those they may wish to bring in from home.

Assessment: Individual and group practical projects along with assignments and tests.

Practical projects:
- A small engine rebuild
- Basic concreting, brick and paving work, framing, dog kennels, assorted minor works around the campus
- Sheet metal projects and basic machining
- Metal fabrication projects: clamps, repairs to equipment, trolleys

Equipment:
For safety reasons; long hair is to be tied back and fully enclosed shoes an an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils, coloured pencils.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch
(d-4) **INDUSTRIAL TECHNOLOGY - JEWELLERY (ITJ)**
Industrial Technology – Jewellery provides students with an opportunity to develop knowledge and understanding of the materials and processes associated with making sterling silver jewellery. Core modules develop student’s knowledge and skills in the use and application of materials, tools and machines to manufacture silver jewellery. These skills are then enhanced through the study of jewellery design.

**Assessment:** Projects, folios, assignments and tests

**Practical Projects:** may include:
- a basic wedding ring
- a twist ring
- a pendant
- art jewellery

**Equipment:**
For safety reasons; long hair is to be tied back and fully enclosed shoes and an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils and coloured pencils.

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Relieving Head of Faculty:** Mr P Patch

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(d-5) **INDUSTRIAL TECHNOLOGY - METAL (ITM)**
The metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the fabrication and sheet metal industries. The Core modules develop a student’s knowledge and skill in the use of equipment and the range and properties of materials. These skills are then enhanced in the Specialised Modules in Fabrication.

**Assessments:** Projects, folios, assignments and tests

**Practical Projects:** include:
- Sheet metal products
- Metal machining projects
- Fabricated projects
- A major project

**Equipment:**
For safety reasons; long hair is to be tied back and fully enclosed shoes and an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils, coloured pencils.

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Relieving Head of Faculty:** Mr P Patch
(d-6) INDUSTRIAL TECHNOLOGY - TIMBER (ITT)

The wood focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the timber, tools and associated products used in the preparation and production of furniture. The Core modules develop a student’s knowledge and skill in the use of equipment and the range of properties of materials. These skills are then enhanced in the Specialised Modules in Fabrication.

Assessments: Projects, folios, assignments and tests

Practical Projects: include:
- Furniture items
- Decorative timber products
- Storage and transportation products
- Storage and display units

Equipment:
For safety reasons; long hair is to be tied back and fully enclosed shoes and an apron are to be worn in all practical lessons. Display folder, notebook, ruler, pens and pencils, coloured pencils.

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch

(e) INFORMATION & SOFTWARE TECHNOLOGY (IST)

If you like computers, think they will have an impact on your life in the future and enjoy using Information Technology and would like to be able to use them for more than just playing games then, INFORMATION AND SOFTWARE TECHNOLOGY is for you.

This course is designed for students with some mathematical ability and varied levels of computing skill, who wish to enhance their skills and to learn how computers help us and are used in our lives.

Assessment: Consists of projects, folios, assignments and tests

Students will learn:
- How computers work
- Web design
- Word Processing, Databases and Spreadsheets
- Digital Graphics and Animation Techniques
- Desktop Publishing
- Robotics and Artificial intelligence

Cost of Course: Please refer to the school website www.tweedriver-h.schools.nsw.edu.au

Relieving Head of Faculty: Mr P Patch
(f) **MARINE & AQUACULTURE TECHNOLOGY**

The oceans, inland waterways and other bodies of water cover more than 70% of the earth’s surface and influence all forms of life on this planet.

Australians must be aware of and understand this fragile environment, and consider how to effectively manage 69,630 kilometres of coastline, 14.8 million square kilometers of continental shelf, 12,000 islands, 783 major estuaries and the life they contain.

In this elective you will study a wide range of marine related topics which may include:

- Water Safety – mandatory
- Marine animals – big and small
- The Antarctic
- Fishing – local and commercial
- Marine ecology
- Seafood cooking
- Sailing
- Aquariums
- Tourism and Coastal Management
- Shipwrecks
- Navigation

You will also have the opportunity to:

- Build your own aquarium
- Get a junior boat license*
- Do a snorkeling course*
- Do some recreational fishing
- Do a basic navigation certificate*
- Do a Personal Interest Project (PIP)
- Go to Sea World

* Please note: these courses are delivered by trained professionals. Their cost is NOT covered by the course fees. All of these * activities are optional. The fee is to cover materials, tools and food items. Excursions are additional to this cost.

**Cost of Course:** Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

**Head of Faculty:** Mr I Hayward
TEXTILES TECHNOLOGY
Textiles Technology is an elective involving the use of fibres, yarns and fabrics to create clothing and accessories. It is a practical 'hands on' course, which focuses on developing students' knowledge and skills in design, manufacture and applications of textiles to various uses in society today.

Students will be required to complete theoretical and practical work, and to provide their own fabrics and notions for each project. A display folder will be provided for theory work. Students will design and make a range of items including a soft toy, P.J.'s and recycled denim bag and will use over-lockers and computerised sewing machines to create their clothing and accessories. Each student needs to have their own A4 visual art diary for their folio work.

YEAR 9:
Practical Projects:
- Pyjamas
- Soft Toy
- Recycled Embellished bag (made from denim jeans)

Areas of Study:
- Design Activities
- Fashion Designer – Peter Alexander (Research)
- Textiles Research
- Fabric Construction (Knitting/Weaving)
- Labelling Textile items
- Career Opportunities
- Research task – Child Textile Workers

YEAR 10:
Practical Projects:
- Embellishment (Textile technique folio)
- Embellished Cushion

Areas of Study:
- Australian Textile Industry (Powerpoint Presentation)
- Australian Designer Research
- Textile Innovation – Lycra
- Textiles & Society

This subject allows students to explore their creativity & develop self expression through their practical projects. Students also have the opportunity to visit the Craft & Textile Expos in Brisbane to learn about the latest techniques and equipment.

Cost of Course: Please refer to the school website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)

Head of Faculty: Mrs J Amos
Tweed River Self Select Classes

In 2013 the HSIE, Science and PDHPE faculties will continue to create “self-select classes” in Year 9.

Students may apply to join these self-select classes and will be accepted into the classes on the basis of their:

- positive attitude and motivation to extend themselves and achieve the best possible outcomes
- willingness to cooperate and encourage the learning of others as well as the ability to be independent learners
- determination to maximise the learning opportunities presented to them in terms of classwork, homework and extension work
- parents providing a supporting statement

Although these classes will still be following the usual Stage 5 syllabuses, it is intended that more student directed and collaborative learning opportunities will be offered.

If there are more applications than class places, students will be placed on a waiting list in priority order according to the quality of their application and their results in Year 8. They may be invited to join the class when a vacancy arises. Students who do not comply with the requirements of the self-select class will be withdrawn from the program and their place will be taken by an appropriate student from the waiting list.

Students who are interested in being considered for enrolment in the self select-class must complete the attached form and return it to Ms Moore (H/T, HSIE/LOTE) by Friday 9th August 2013. The form must be completed and signed by your class teacher and by a parent/caregiver.
APPLICATION FORM

Self Select Classes for History and Geography, Science and PDHPE in 2015

Name: ___________________________  HSIE Class: ____________

Please tick the boxes to indicate which self-select classes you want to be considered for in 2015:

- [ ] History and Geography
- [ ] Science
- [ ] PDHPE

If you wish to join the **History and Geography** self-select class, please outline reasons why you should be considered.

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If you wish to join the **Science** self-select class, please outline reasons why you should be considered.

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If you wish to join the **PDHPE** self-select class, please outline reasons why you should be considered.

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SIGNED: ___________________________ (Student)

For Parent/Caregivers:

I support my child’s application to join the self-select History/Geography class.

SIGNED: ___________________________ (Parent/Caregiver)  Date: ____________

Supporting Statement:

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**TWEED RIVER HIGH SCHOOL**

**RoSA (YEAR 9 & YEAR 10)**

**ELECTIVES FOR 2015-2016**

NAME: .............................................................................................................

BEFORE YOU COMPLETE THIS FORM, MAKE SURE THAT YOU HAVE READ THE SUBJECT SELECTION BOOKLET.

**ELECTIVE LINES:** From this list, please make five (5) preferential selections (1, 2, 3, 4 & 5).

(1 being your first choice)

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<td><strong>TECHNOLOGICAL &amp; APPLIED STUDIES – KLA:</strong></td>
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<td>Dance (DN)</td>
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<td>Agriculture (AG)</td>
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<td>Information and Software Technology (IST)</td>
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<td>Industrial Technology – Building Construction (ITC)</td>
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<td><strong>HSIE:</strong></td>
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<td>Industrial Technology - Electronics (ITE)</td>
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<td>Industrial Technology Timber (ITT)</td>
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<td><strong>PDHPE:</strong></td>
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<td>Marine &amp; Aquaculture Technology (MAT)</td>
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<td>Physical Education (PASS only)</td>
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<td>Textiles Technology (TX)</td>
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I understand that the School will make every effort to place each student in three elective lines after giving maximum consideration to the above choices, and within the resource limits of the School.

*By signing this form you are agreeing to meet the fees of the chosen electives.*

*For full list of School Fees please refer to the schools website [www.tweedriver-h.schools.nsw.edu.au](http://www.tweedriver-h.schools.nsw.edu.au)*

SIGNED: ___________________________ SIGNED: ___________________________

Student Parent/Guardian

DATE: ___________________________ DATE: ___________________________

**History and Geography:**
History and Geography is now mandatory. All students must do 100 hours of History, 100 hours of Geography and Civics and Citizenship in both Years 9 and Year 10.

**Civics and Citizenship:**
The Civics and Citizenship requirements are contained in both the Geography and History syllabuses.