

Student Electives Wongan Hills DHS 2020



**ELECTIVES
Semester 2, 2020**

Electives for Semester 2 will run on Tuesday Period 5 and Friday Period 4.

Please read the attached course outlines before making your selections. You then must fill in the Subject Selection form. These must be returned to Mrs Simpson (via the front office) by **Friday 3rd July**, before morning TAG.

Courses that have a cost attached must be paid by Week 3, Term 1.

*NB: All Options are a full ONE Semester in length
No changes will be accepted after week 3*

Number 1-3 in order of your preferences in BOTH columns

✂ _____

Student Name: _____

Year: _____

Period 5 Tuesday	Period 4 Friday
<input type="checkbox"/> Pathways to Agriculture	<input type="checkbox"/> Crafty Class
<input type="checkbox"/> Lego League	<input type="checkbox"/> Computer Assisted Design
<input type="checkbox"/> Outdoor Pursuits	<input type="checkbox"/> Pathways to Agriculture
<input type="checkbox"/> Around the World in 80Days	<input type="checkbox"/> Lights, Camera, Action
<input type="checkbox"/> 5R	<input type="checkbox"/> Freeform Design & Technology

Parents: I have read, discussed and agreed with my child's elective selections. I am aware that any subject costs are compulsory and I will be billed accordingly.

**All courses that incur a cost MUST have those monies paid by Week 3 of the term.
These costs are NOT part of student Voluntary Contributions and Charges.**

Please tick one box only. See last page for descriptor.

Cadets ☐

Community Routes ☐

Options Course Outlines

Lego League

Description: Lego League is an international competition that teaches teambuilding and problem solving for issues facing the 21st Century. The competition began in the US and now involves teams from around the world who compete in smaller regional events on the same challenges. The competition works with Lego EV3 resources and is sponsored by Curtin University in Western Australia. In Semester One, the students work in their teams to complete the research challenge and the programming challenges that are similar to the competition they will be entering. Then, in Semester Two, the teams prepare for the competition in Term 4.

This elective will reinforce, and teach, teambuilding, research skills, problem solving as well as block-based coding languages. This work will lead to an event competing to solve problems using research as well as skills learnt in Technologies classes. Students work in small teams to research a problem and program an EV3 robot to complete challenges while being assessed on their ability to function as a team.

The competition is held in Term 4 of each year, but there is a lot that needs to happen to prepare for this event.

Class cap: 14

Timeslot: Tuesday Period 5

Cost: There is no cost for this elective.

Learning Area: Technologies

Computer Assisted Design

Description: This elective will introduce you to computer design programs. You will be using online software and the design process to plan, design and then create and evaluate objects. It is expected that you will be designing and printing biomedical parts, fashion accessories, and replacement parts for machines. You will be using a 3D Printer as well as a laser cutter and the Cricut machine. You will also be using architectural designing programs to consider house design. It is expected that you will complete certain design tasks at home using online software.

Class cap: 16

Cost: \$30

Learning Area: Technologies

Timeslot: Friday Period 4

Around the World in 80 Days

In this elective, students have the opportunity to try their hand at creating and sampling international cuisines. Students will prepare (sometimes over a number of weeks) a number of traditional style dishes from around the world as well as investigating why ingredients are featured in their style of food. Students may not be cooking every week or may be completing some steps in a recipe in readiness for the following week. It is encouraged that students who select this option will be willing to sample the different cuisines to provide feedback and understanding.

Assessment in this subject will include research tasks and practical tasks as well as participation.

Class Cap: 14 Students

Timeslot: Tuesday Period 5

Cost: \$60 to cover materials

Learning Area: Technologies

Crafty Class

Description: This class will be all about craft! Ever wanted to try something but didn't know where to start? This could be the elective for you. Want to try macramé, quilting, quilling, embroidery, paper crafts, shadow light boxes? The list is endless. Projects can be fabric, vinyl, paper, leatherette, wood, etc based – the opportunities are only limited by your desire to create something uniquely yours. Students will be designing, planning and creating their own personal masterpieces. The number and type of projects completed will be determined by time, student work completion and access to necessary equipment.

Requirements:

- Charge to be paid by Week 3
- A desire and willingness to challenge your level of crafting in whichever project you choose.
- An interest in improving your production skills

Class Cap: 14 Students

Timeslot: Friday Period 4

Cost: \$50 to cover materials

Learning Area: The Arts

5R (recycle, reuse, repurpose, reclaim, restore)

Description: Students will study and investigate the use of "non-new" materials to produce a project or projects. They will design, construct and showcase their work. The products they create may fit into numerous agreed categories such as jewellery, furniture, ornaments etc.

Any safe suitable "non-new" materials may be used. If a design requires specialty materials that the School does not have on offer students will be expected to source and supply their own.

Course Objectives:

- To support the school belief of environmental responsibility
- To support and supplement the design and technology curriculum

Class Cap: 16 Students

Timeslot: Friday Period 4

Cost: Nil

Learning Area: Technologies, The Arts

Freeform Design and Technology

Description: Students will research, investigate, design, produce and showcase products from a variety of resources and technologies.

Typical projects may include jewellery, ornaments, models and personal accessories.

Skills such as turning, casting and polishing will be employed to produce high levels of finish and aesthetic appeal.

Objectives:

To support and supplement the design and technology curriculum with a focus on product finish and freeform design.

Class Cap: 16

Time slot: Tuesday Period 5

Cost: \$25.00

Learning Area: Technologies, The Arts

Outdoor Pursuits

Description: Dig deep and dive into the surrounds of Wongan Hills by learning outdoor skills and pursuits throughout Semester One. In the upcoming semester, students will focus on swimming & water safety, bike riding, and a range of other activities that suit students interested in the outdoors and recreation.

Any student interested in this unit must be able to swim confidently over 150m. They also must own a bike.

Class Cap: 16

Time slot: Tuesday Period 5

Cost: \$30.00

Learning Area: Health & Physical Education

Lights, Camera, Action

Description: *Calling for a Presentation Assembly Production Team.* The Presentation Assembly will be bigger and better than ever. This elective will be focusing on the designing, creating, and the production of this event. You will have the option to either be part of *Behind the Scenes* working alongside Miss Peters to produce the event (lighting, audio and visuals) plus the development of scripts and advertising.

Alternatively, (or both!), you can be part of the *High School Presentation Item* which you will be in charge of designing and creating a production item to exhibit at the assembly (which is compulsory for all classes). We are looking for students who are willing to excite audiences and will bring great enthusiasm and ideas to the table! This is a great opportunity if you have a passion or interest in Performing Arts and want to know more about how a production team works!

Class Cap: 24

Time slot: Friday Period 4

Cost: Free

Learning Area: The Arts

Pathways to Agriculture

Description: This course is designed to enable students with an interest or a passion for Agriculture to build a portfolio of skills to assist them in their further studies in Agriculture or for employment in this industry. For students attending Agricultural Colleges or planning on completing a Cert II in Agriculture, this course will cover many of the essential basics and may place students a step ahead in their future courses.

This course will have the students examine and where practicable design, plan, implement and review different cropping systems. It will involve theory, however will be mostly practical and be based at school and at other locations close to Wongan Hills.

Course Objectives: To allow students to experience agricultural skills with a view to continuance into a certificate in agricultural pathways and to develop personal growth and experience in this industry.

Who should take this course?

Students interested in a career in agriculture, have a passion or interest in this topic or who wish to complete a certificate in agriculture or rural studies in the future. Students who plan on attending an Agricultural school in the future will benefit from this pathway.

Class cap: 14

Timeslot: Tuesday Period 5 and/or Friday Period 4

Cost: \$20.00

Learning Areas: Technologies

Each day after lunch for 15 minutes we have ALA (After Lunch Activity) time, except Wednesdays, as well as on a Period 5 on a Friday where students are required to choose from the following two subjects. Please read the descriptions below and select your choice at the bottom of the first page.

1. Community Routes:

We are all part of a community. We need to pay it forward to the next generation so we can be a part of something great. Community Routes will take you into the wider community to give back to the many organisations that have made your education possible. Throughout the semester, you will (hopefully) be visiting organisations and offering your services and learning more about what these community groups do. You will also be involved in a range of other activities that help promote and better the school environment.

2. Emergency Services Cadet Corps (Cadets)

Young people can begin their association with the Western Australian (WA) emergency services as cadets.



Part of the Cadets WA program, presents secondary school students with the opportunity to follow the training and service ideals of the following emergency service groups:

- Bush Fire Brigade
- Fire and Rescue Service
- State Emergency Service
- Volunteer Marine Rescue Service

Emergency Service Cadets participate in interesting and challenging training that:

- Provides practical life skills
- Develops leadership, teamwork and initiative talents
- Fosters qualities of community responsibility and service

Training includes the core modules of:

- First-aid
- Radio communications
- Fire safety and basic fire lighting
- Rescue techniques
- Navigation and bushcraft
- Drill and ceremonial