

# COBDEN TECHNICAL SCHOOL

Committed to Students  
Committed to Success



It's an exciting time to be in secondary school. One hundred years ago in the 1920s, great leaps forward were made in many aspects of life.

We know that the 20s that lie ahead will be just as exciting. Students of Cobden Technical School will head through their secondary schooling with the state-of-the-art equipment in our Trade Training Centre utilised in every year of their secondary education and

diverse learning facilities and resources available across the curriculum. Students will have the opportunity to participate in our many community, cultural, sporting, artistic and environmental programs; the learning journey will enable our graduates to develop skills both inside and beyond the classroom.

We'll be supporting our young people through their education with smaller class sizes, a wide range of electives and

extensive careers education. They will have access to specialist Literacy and Numeracy support in a range of formats, including in classes and in small group settings. Our school has clear, strong connections to the community and to industry at local and regional levels. Cobden Technical School students will have opportunities to shape their pathway in whatever direction they choose as they grow towards joining our exceptional graduates

working in such diverse fields as politics, trades, business, nanotechnologies and the health sciences.

At Cobden Technical School, we will enter a partnership with you so that together we can meet the very special and individual needs of your child. Cobden Technical School is a place where everyone who wants to learn is welcome, where everyone can be successful, and the journey to create learning is lifelong.



# Welcome



**"I'm proud to be able to share with you the exceptional educational opportunities that Cobden Technical School offers for our students."**  
*Rohan Keert, Principal*



# Committed to Students Committed to Success

We challenge ourselves to meet the needs of each of our learners through flexible and responsive teaching, engaging learning and assessment programs, and high expectations for our staff and students.

We use consistent lesson structures in our classes so that our students can feel confident that they understand what is expected of them, with differentiated learning tasks to support all students to achieve their best.

We aim to be explicit in the learning intentions and success criteria established for each lesson, helping students to set and manage their learning goals and recognise their progress towards those milestones.

We engage families in the learning process through frequent, ongoing reporting and feedback. We strive to create a partnership with families to best support our students' education and their development.





We recognise that success looks different for each student and for each of our families. We embrace the opportunity to discover how to best support our students to embrace their abilities, nurture their talents and develop their confidence over the course of their secondary schooling.



# Cobden Technical School House System

The Cobden Technical School House System ensures every student and staff member belongs to a community in one of our three Houses: Glenfyne Gold, Shenfield Blue or Tandarook Red.

Students from Years 7-12 work within their House across a range of sporting, social, cultural and environmental activities over the course of the year.

This system helps to forge a strong sense of belonging, foster positive relationships and support the growth of self-esteem in our students.



Excellence



Our Year 7 and 8 program is based on supporting students to make a positive transition into their secondary schooling through an extensive transition and orientation program.

The early secondary years at Cobden Technical School offers a diverse range of learning experiences designed to broaden each student's knowledge base.

A laptop is provided to all students to facilitate breadth in their learning activities and help to enhance students' digital literacy.

Students are supported to improve their organisational

and study skills as teachers challenge and nurture them in their learning.

Year level camps and activities focus on supporting students to develop a strong sense of identity and positive, respectful relationships with their peers and school community.



# Years 7 and 8

## A positive transition

## into secondary schooling



# Junior Years Curriculum

## Art

3 sessions per week, 1 term

Year 7s students study the theory and history of art, beginning with pre-historic art. They explore design elements and principles throughout the course, completing practical work centred upon drawing skills, as well as exploring other media such as painting, printmaking and pottery.

Year 8 Art builds on these processes and techniques, with artists' styles being the focus of this year's art work. Through theory and practice, students explore a number of different artists, discussing their lives and their works as well as

experimenting with emulating their styles to develop their own skills.

## Electrical

3 sessions per week, 1 term

Year 7 students will be introduced to the many wonders of Basic Electrical Concepts by undertaking OH&S in the workshop including the safe use of hand tools, they will learn the basic fundamentals of Electricity, explore basic electrical/electronic theory, learn how to construct basic electronic circuits, learn how to

solder safely and with precision, and make an Electronic model from a kit that



utilises their newly learnt soldering skills.

The students will have been given enough training and theory to construct an electronic model from a kit that will utilise all of their newly-gained knowledge of hand tools, electronic components, circuits and electrical fundamentals. Learning the basic skills associated with Electrical and Electronics subjects will put the students on the path to having some of the basic skills required for Trade work in the Electrical field.

Year 8 students will further their knowledge of Basic Electrical Concepts by expanding their knowledge of OH&S in the workshop, exploring Complex Series, Parallel and Series/Parallel circuits, Using a Voltmeter, Ammeter and a Multimeter, practicing Soldering techniques, learning How to research, design, plan, produce and evaluate a System, gaining skills in orthogonal drawing, making a basic Light Controlled Electro/Mechanical vehicle, and exploring Wind and Solar energy

The students will have been given enough training and theory to design

and build a vehicle that is battery powered and controlled by light. They will learn how to compile a wiring diagram of the vehicle that they built. The students will become more proficient in the use of tools, test equipment and components associated with electricity.

Learning more of the basic skills associated with Electrical and Electronics subjects will put the students on the path to having some of the basic skills required for Trade work in the Electrical field. The students will also get an insight into Wind and Solar Generated Electricity.

## English

5 sessions per week, full year

English is all about communication. Through language, students learn to build relationships with others and understand the world around them. Our classes help students to develop their knowledge and skills needed for education, training and the workplace.





Our English curriculum in Years 7 and 8 covers Literacy (developing students' correct use of punctuation, grammar and spelling), Text (Studying novels and films), Writing folio (learning to write for different purposes and in different styles), Verbal skills (encouraging students' confidence by fostering their ability to deliver, with clarity, in different settings).

### **Health and Physical Education**

*5 sessions per week, full year*

We are very proud of our comprehensive Health and Physical Education program at Cobden Technical School.

The Year 7 focus is Sports for Teamwork.

The Year 8 focus is Sports for Health and Wellbeing.

The Years 7 and 8 physical education program enable students to develop physical skills through active participation in activities including: athletics, swimming, gymnastics, fitness, field games, court games, racquet sports and modified games. Each activity has the aim of broadening students' exposure to activities they may not otherwise have had the chance to experience, and to further enhance the skills they already possess. Students are given the opportunity to work individually, with partners



and in team situations to explore and learn various motor skills, concepts, games, rules and team tactics. There is an emphasis placed on co-operative learning, respect for others and supporting others in class activities.

### **Home Economics**

*3 sessions per week, 1 term*

Home Economics facilitates the development of knowledge and skills by engaging young people in a variety of home economics contexts such as food, nutrition and health.

It is important for students to be empowered to make healthy choices and take responsibility for their own health and wellbeing and students explore nutrition in their diet and assist in the preparation of nutrition-based meals.

Stressing the importance of safety, students are taught correct storage and handling operations for the various food types to avoid spoilage and contamination. Students will be actively involved and work co-operatively with others in all practical sessions.

### **Humanities**

*3 sessions per week, full year*

In Humanities, we will develop an insight to the world around us ranging from the ancient past to modern living. Using Geography, History, Economics and Civics and Citizenship we look at Global, National and local events. We study a variety of topics extending ancient

Rome to liveable modern cities and Australian Indigenous culture. In Humanities you will develop inquiry skills, which enable you to research, ask question and develop empathy of others. We will work on your computer literacy and the ability to use technology in different ways. You can expect a classroom that looks at all styles of learning. From the soundtrack of the Indigenous dreamtime to pictures of ancient gladiators. We will travel through time and space with interactive discussion, research and fun.

### **Languages (Indonesian)**

*3 sessions per week, full year*

Students will learn about Indonesian people, language and culture. The topics covered during Year 7 Indonesian include: numbers, pronouns, greetings, basic introductions, and other language topics related to 'getting to know you!' We will also learn how to recognise and use nouns, adjectives and verbs. Students will learn about Indonesian transport, the places in a town or city, saying what they like and dislike, talking about sport and free time activities along with asking and stating what you want to do. Year 8 Indonesian expand their vocabulary and grammar skills through the topics of family, school, colours, telling the time, hobbies, sports and body parts.

There are three main benefits of learning another language during Years 7 and 8. Firstly, students are able to expand their cultural horizons

by developing an understanding and respect for other people and their culture. Secondly, studying another language increases brain capacity. People who can communicate in another language have better cognitive and thinking skills. Thirdly, learning Indonesian actually helps students to develop their English literacy skills.



During Year 7 and 8 Indonesian classes students will participate in speaking, reading, writing and listening activities. Students will research words in Indonesian, complete various written pieces and translation work and complete a regular assessment of new word and phrases. We also use Indonesian film as text, when students watch, enjoy and analyse Indonesian film. Language games also play an important role in learning.

## Mathematics

*5 sessions per week, full year*

In Years 7 & 8 the students study the Victorian curriculum for mathematics including Number and Algebra, Measurement and Geometry, Statistics and Probability, and Working mathematically

Students use the Maths Pathway program, which caters for diverse educational needs and allows each student to work at his or her own level on skill building. It promotes mathematical thinking and communication through a range of rich task and problem-solving experiences.

In a typical week, students will work independently, in small groups, and with the whole class on rich task exploration. Mathematical skills are developed through the online Maths Pathway modules. Typical activities during the module time include Independent work on Modules (with work set out in Mathematics workbook), Mini lessons (teacher working directly with a small group on a key concept) and Test and reflection (once each fortnight).

## Media and Design

*3 sessions per week, 1 term*

In Media and Design, we have a focus on how to 'create, not consume'. Students have the opportunity to explore a range of media forms, drawing from photography, movie making, animation, 2D and 3D Design. The class will explore what it means to

design for an audience and how to use a range of software and equipment. This will give students the skills to communicate effectively in a range of visual forms, helping them not only to get their message across but also to consider critically the media they watch and explore. Students can expect to be learning by making, working independently and in small groups to construct short animations, script, film and edit a range of video productions and create their own graphic designs.

## Metalwork

*3 sessions per week, 1 term*

In Year 7 and 8 Metalwork, students are introduced to the knowledge and skills of different metalwork industries. Students cover areas of safety in the workshop and the appropriate use of hand and power tools and equipment before any practical work is commenced. Students will use their literacy and numeracy skills in completing practical projects. Once students have acquired some basic metalworking skills, they then complete a tool tray and a toolbox as their main design projects using different marking out and joining techniques.

## Robotics

*3 sessions per week, 1 term*

Year 7 students will be introduced to the rapidly expanding technology of Robotics. They will learn how to build a Lego EV3 Core Set Robot from a kit. The students will be introduced to Robot programming, where they

will learn how to create their own program for their EV3 Robot. Subjects that the students will be introduced to are Robot history, Robot construction, Robot programming, Robot testing and evaluation. Learning the basic skills associated with Robotics subjects will put the students on the path to having some of the basic skills required for the Robotic field of Industry.

Year 8 students will continue with their Robotic journey by adding sensors and more complex programs to their Lego EV3 Robot. Subjects that the students will add to their basic knowledge of Robots are Robot sensor construction, Robot sensor





programming, Robot testing and evaluation. Learning more of the basic skills associated with Robotics subjects will put the students on the path to having some of the basic skills required for the Robotic field of Industry.

### Science

*3 sessions per week, full year*  
Students will be engaging in Science through interactive technology, practical group work, independent investigations and curiosity. The course will focus on stepping up students' skills and techniques in Science with safety and equipment. Students will explore particle theory and states of matter, separation techniques of mixtures and pure substances, and classification of living things and ecosystem dynamics. Science at this level looks to engage students in a variety of areas from each of the strands of Science to build a strong and clear foundation of skills and knowledge, giving them the necessary abilities, knowledge and practical skills training to demonstrate their view of the world and how it works.



### Textiles

*3 sessions per week, 1 term*  
Students learn how to safely operate the sewing machines and to accurately measure, mark and cut required materials with safety. They learn to make design decisions and produce a pencil case and patchwork cushion in Year 7, progressing to a hooded jumper in Year 8. Students learn the importance of evaluation and quality to producing high standard items. The skills developed in both machine- and hand-stitching allow students to manage basic repairs to their clothing and other textiles items at home.

### Woodwork

*3 sessions per week, 1 term*  
The years 7 & 8 Woodwork program is designed to engage and encourage student to use theory and practical skills learnt through challenging activities to be able to construct basic models made from wood. The Woodwork program aims to develop skills and knowledge that further extend and develop during middle and senior school years. These skills are highly desirable if students wish to enter the work force in the construction trade industry, for transferability to other areas or just as a general interest. Students will be shown how to correctly and safely use a number of hand and power tools, they will be required to complete online safety quizzes to consolidate their knowledge. The students develop skills associated with the design process: investigate, generate, produce and evaluate.





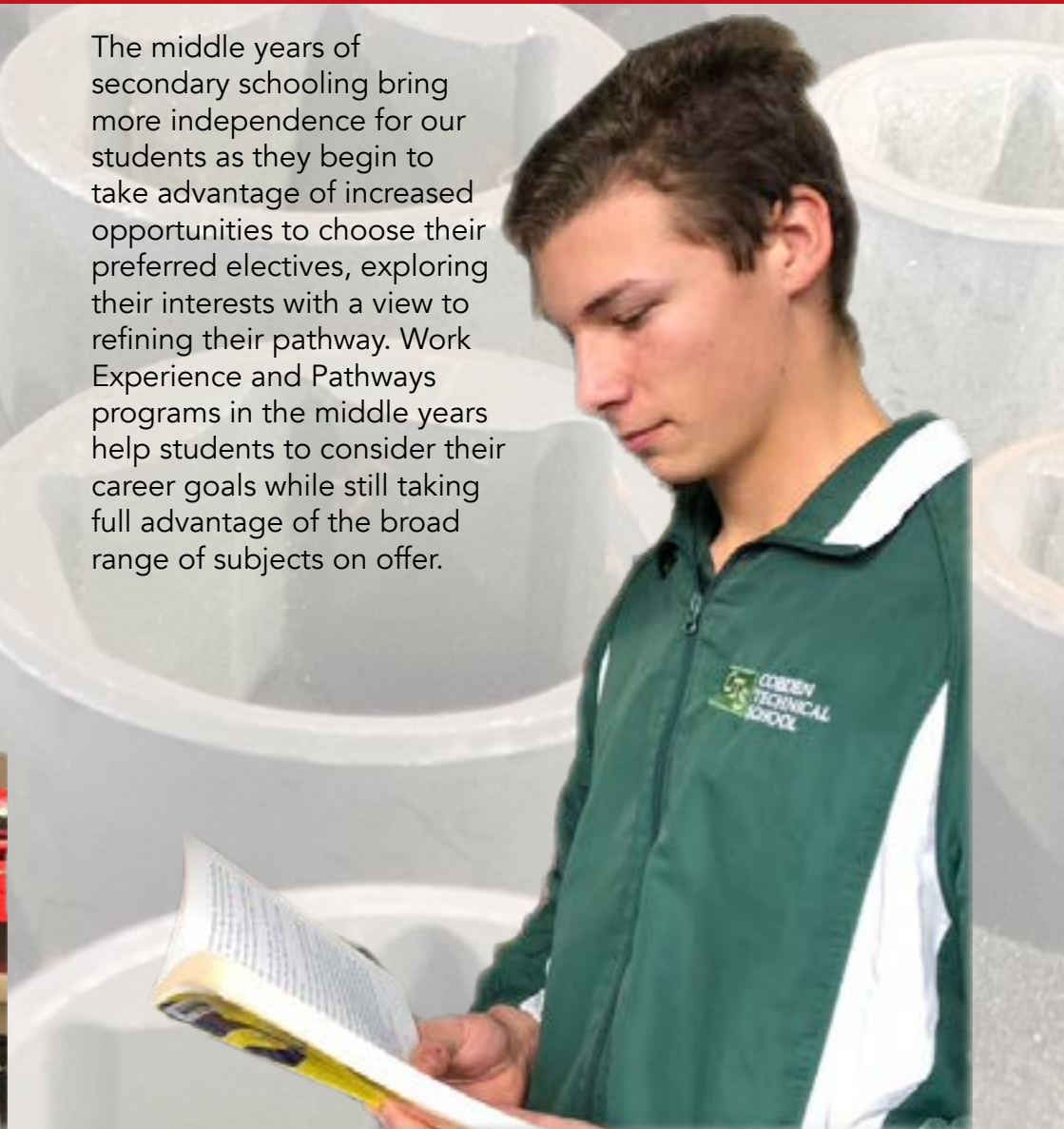
# Years 9 and 10

An opportunity

for exploration



The middle years of secondary schooling bring more independence for our students as they begin to take advantage of increased opportunities to choose their preferred electives, exploring their interests with a view to refining their pathway. Work Experience and Pathways programs in the middle years help students to consider their career goals while still taking full advantage of the broad range of subjects on offer.





# Years 11 and 12

## Pathways to a

## successful future

In the senior years at Cobden Technical School, our students have access to a range of pathways to best suit their needs, interests and goals.

We offer a wide range of VCE, VET and VCAL subjects and courses, including through the Corangamite Trade Training Cluster. Our students have opportunities to participate in various work experience

programs, including through School Based Apprenticeships and work placements. Our students engage with TAFE, Universities and Employers throughout their final years, with course counselling and pathways planning supporting students and families as they look towards a successful and confident transition to life beyond secondary schooling.



Respect



**Cobden Technical School** is a proud member of the **Corangamite Trade Training Cluster**, offering students access to specialist trades courses and state-of-the-art facilities within schools in the Corangamite Shire. Cobden Technical School students also gain access to these on-site facilities in woodwork, metalwork, robotics, electronics and automotive throughout their secondary schooling.



## **CORANGAMITE TRADE TRAINING CLUSTER**

### **Current courses:**

- Agriculture
- Automotive
- Community Services
- Beauty
- Building and Construction
- Electro-technology
- Engineering
- Hairdressing
- Hospitality
- Music





# Student leadership

Our students have opportunities to engage in student leadership at all levels in the school through the House System. Each House has junior, middle and senior leaders and the school is ably captained by two Year 12 students. Our student leaders

organise and participate in fundraising activities throughout the year, lead our assemblies and organise events for their House. We value the importance of student voice in shaping our school.



# Student Support

Cobden Technical School recognises that students' needs will vary over their secondary schooling. We offer literacy and numeracy support through specialist teachers as well as in-class, individual and small group assistance. Our school nurse supports our

physical health and wellbeing education programs. We also have in-school counselling and mentoring, Hands on Learning, and breakfast club programs to make sure our students' physical, social and emotional wellbeing are nurtured to enable them to fully participate in their education.



Trust



A world of possibilities

Motocross



Swimming

Volleyball



Cricket

Tennis



Athletics

Basketball

Rock Bands

Indonesian Sister School trips

Lawn Bowls

Clay Target Shooting



Camps



Football

Study Retreats

Exchanges

Netball



Soccer

Cross Country



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