Introduction

The purpose of this booklet is to provide information for students so they will be able to make an informed choice of course and subjects in Years 9 and 10.

In making their choice of course and subjects students should consider the following:

(i) Career interests. It is important that students realise what career opportunities are open to them by their selection of certain subjects.

(ii) Personal capabilities and talents. Coupled very closely with these considerations should be one’s proven diligence and application towards previous studies.

Many of the subjects students will study in Years 9 & 10 are mandated by the Queensland Studies Authority and are compulsory for all students. These subjects are English, Mathematics, Science, History, and Health & Physical Education.

At Cloncurry State School all Year 9 students will study Smart Moves for one lesson per week. All Year 10 students will study a Certificate I in Work Education for one lesson per week.

Students will be able to choose 2 elective subjects. They must study one option from each of the following groups of elective subjects.

Line 1 electives: Art, Geography, Home Economics, or Manual Arts.
Line 2 electives: Business Studies, Graphics, Media Studies, or Music.

Throughout each term, an attendance and assessment audit is completed for each student in each subject. A student whose attendance has fallen below 80% or who has not submitted assessment items in a given subject are at risk of having NOT RATED recorded as the result for that subject on their semester report.

Please read this booklet carefully as you prepare to make these important decisions. I wish all students well in the decision making that lies ahead.

Pete Keen
Deputy Principal
Subject Descriptions

SUBJECT: ART

PRE-REQUISITES: Nil. Visual Art will begin to work towards specialist skills in this field of study. Students entering this subject should be keen to further their skills, creativity and imagination. A sound achievement or better in Year 8 or 9 is desirable for students taking this course.

AIMS: Students will research, develop and resolve artworks using a variety of materials. Both two-dimensional and three-dimensional studies will be completed. This course is tailored to prepare students for the challenges associated with Senior Visual Art.

AREAS OF STUDY: Students will work using concepts or themes. One concept will be investigated each term. One or two practical tasks will be completed each term. There will be a lot of choice and opportunity for students to work in an individual capacity.

ASSESSMENT: Practical tasks will be chosen from two-dimensional and three-dimensional areas including painting, drawing, print making, sculpture and ceramics. Individual projects will be negotiated with the teacher. Theory based assignments / exams related to the concepts will also be completed each semester.

SUBJECT: Business Studies

PRE-REQUISITES: There are no specific pre-requisites for this subject; however an interest in office administration would be an advantage.

AIMS: To develop skills implicit in business and personal effectiveness including working in teams, demonstrating effective communication, organisational and interpersonal skills and using a range of technologies. These skills must be performed with accuracy, a concern for quality, and a commitment to achieving goals and objectives.

AREAS OF STUDY: Developing keyboard skills, planning skills development, using business equipment and applying business communication.
ASSESSMENT: There will be a variety of assessment techniques included in the program from computer document composition, spreadsheets for calculations and oral presentations.

FUTURE OPTIONS: TAFE, Office Administration, Business Ownership

SUBJECT: CERTIFICATE 1 IN WORK EDUCATION

PRE-REQUISITES: Nil

AIMS: The aim of this Certificate is to provide students with skills and abilities related to the workplace. Students will obtain valuable knowledge and understanding of the Australian work environment.

AREAS OF STUDY: Students will complete the following modules:

- Project workplace behaviour and image
- Work safely according to OHS principles and procedures
- Develop job acquisition strategies
- Work effectively in a team
- Access employment and training opportunities
- Manage personal work performance
- Demonstrate knowledge of workplace relations
- Interact effectively in the workplace
- Demonstrate an enterprising approach in an approved project
- Structured Workplace Learning 2

ASSESSMENT: All assessment is competency based.

SUBJECT: ENGLISH

PRE-REQUISITES: Nil

AIMS: The aim of the English course is to develop the maturity of students' language skills to lead them into Senior English or English Communication. They will do this through the study of a variety of texts, specifically selected to engage students and develop their speaking, listening, viewing, writing and shaping skills. They learn how language use varies according to context, purpose, audience, and content, and they develop their abilities to use this knowledge.
**AREAS OF STUDY:** Students will study a variety of units of work that encompass a variety of text types or genres, eg novel, plays/script writing, film, poetry, song, short story.

**ASSESSMENT:** Students will complete approximately four tasks each semester (a variety of written and spoken tasks) across a range of genres.

**FUTURE OPTIONS:** Vocational Education
Tertiary Studies.

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**SUBJECT:** GEOGRAPHY

**PRE-REQUISITES:** Nil.

**AIMS:** Geography is the study of the human and physical characteristics of places and the interactions between them. Students will develop the ability to analyse and explain increasingly complex spatial associations and interactions of systems and human activities in Australia and in other parts of the world. They will further their awareness of the global links between environments and the impact of globalisation on their own and other people’s lives.

**AREAS OF STUDY:** Include:
- Foundation Geography
- Is the World Under Pressure?
- Let’s Get Physical!
- Urban Jungle

**ASSESSMENT:** Students will complete approximately four tasks each semester that will reflect the type of assessment tasks completed in Year 11 and Year 12:
- research tasks (written and non-written)
- response to stimulus tests
- short response tests
- prepared and unprepared essays
- multi-modal presentations.

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**SUBJECT:** GRAPHICS

**PRE-REQUISITES:** Nil. Year 9 and 10 Graphics is compulsory if you would like to study Senior Graphics in Yrs 11 & 12.
AIMS: To provide interesting, logical and coherent learning experiences in a variety of topics which will enhance the students' ability to use graphical means of communication more effectively.

AREAS OF STUDY: The following are topics of study:
   a) Equipment and Aids
   b) Plane Geometrical Drawing
   c) Orthographic Projection - Geometrical (multi views)
   d) Engineering Drawing
   e) Architectural Drawing
   f) Pictorial Representations
   g) Perspective Drawing (single, two and three point)
   h) Diagrams and Charts (symbols)
   i) Development (Patterns)
   j) Elementary Surveying (Leveling)
   k) Presentational Graphics

ASSESSMENT: The subject matter has been divided into six contextual units. Assessment will be considered from formal tests, assignments, folios and class work.

FUTURE OPTIONS: Engineering, Surveying, Architecture, Graphic Design, Trades (Fitting and Turning, Boiler Making, Sheet Metal work, Carpentry and Electrical).

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SUBJECT: HEALTH & PHYSICAL EDUCATION

AIMS: Physical Education draws on many fields and reflects the dynamic and multidimensional nature of health and sport related skills. This subject has a balanced practical and theoretical approach that prepares students for senior studies in Physical Education or Recreation. Full participation in practical units is critical for success in this subject.

AREAS OF STUDY: Theory units are composed from these content areas:
   - Movement principles
   - Human relations
   - Skill Acquisition
   - Fitness testing/training methods
   - Lifestyle diseases and Australian Health
   - Vital community issues

Each practical unit is directly linked to a theoretical component and include volleyball, touch, tennis and lifesaving.

FUTURE OPTIONS: Personal Trainer, Fitness Instructor, Health and Physical Education Teacher, Exercise Physiologist.
SUBJECT: HISTORY

PRE-REQUISITES: Nil.

AIMS: History is the study through which historians investigate, interpret, explain and describe changes and consequences in human affairs over time. History involves students doing history through employing elements of the historical method and developing the processes of historical thinking. History focuses on the significant topics from Australia’s past, but also includes topics that span eras from ancient to modern, and involve a wider global context. It aims to make students aware that they can create their own views and make their own decisions about people, societies, cultures, events and ideas.

AREAS OF STUDY: Include:
- History Through Film
- Building A Nation
- Growth of A Nation
- On A Global Scale

ASSESSMENT: Students will complete approximately four tasks each semester that will reflect the type of assessment tasks completed in Year 11 and Year 12:
- research tasks (written and non-written)
- response to stimulus tests
- short response tests
- prepared and unprepared essays
- multi-modal presentations.

SUBJECT: HOME ECONOMICS

PRE-REQUISITES: This is an equally balanced theoretical and practical subject. Students are provided with the opportunities to develop skills which provide the basis for success in all facets of the individual home life as well as work, study, food production, consumerism, design, health and nutrition, communication and living environment. Students need to be organised and self-disciplined with practical work. Practical activities in all units will involve some expense. Cost of ingredients and textile articles will vary according to student choices.

AIMS: This subject caters for students with both academic ability and practical skills. It introduces the students to the three core learning areas of Home Economics.

AREAS OF STUDY: Food Studies
Living Environments
Textile Studies
Living Environments
ASSESSMENT: A variety of assessment techniques will be used depending on the individual units studied:
- Construction, decoration of various practical textile articles.
- Preparation of food items
- Food experimental activities
- Research assignments
- End of semester exams
- Production diary

FUTURE OPTIONS: Students who select this subject may have an interest in:
- Dietician
- Food technology
- Fashion designer
- Home economist
- Food stylist
- Sports nutrition
- Social welfare
- Education Queensland clothing buyer
- Textile worker

SUBJECT: MANUAL ARTS

AIMS: We live in a community where the technical and industrial vocations are held in high regard and are the ambition of the majority of the students. This qualification is designed for people seeking a pathway into the world of work or vocational education and training. It will inform them in making choices about jobs and careers, with a focus on work readiness. The units provide practical skills that are relevant to clients as they move towards employment. This certificate encourages clients to seek further pathways in the manufacturing sector.

AREAS OF STUDY: Years 9 and 10 are introductory years where the basic skills and techniques of the manufacturing industry are taught and practiced in furnishing and engineering. The students learn basic hand, power tool and joining skills while learning the importance of safety, workplace communication, planning, preparation, furnishing and engineering skills.

ASSESSMENT: Assessment targets the following life skills at three levels including Manufacturing Skills, Technical expertise. Work Attitudes and Ethics. Competencies within these areas are assessed through the development of a number of projects including:
- Coffee Table
- Bread Board
- Tool Box
- Centre Punch
FUTURE OPTIONS: Industrial Skills contribute to the development of life skills by providing students with the opportunities to participate in a variety of life roles. Trade careers in the manufacturing sector are promoted through this subject area.

SUBJECT: MATHEMATICS

AIMS: Mathematics is an integral part of general education. It can enhance peoples' understanding of the world and the quality of their participation in a rapidly changing society. In recent times the use of mathematics has developed substantially in response to changes in technology. The range of career opportunities requiring an advanced level of mathematical competence has expanded dramatically. No longer are careers in fields such as physical sciences, engineering and accounting, the only ones requiring a high level of training in mathematics. Advances in technology have resulted in an increased need for, and use of, mathematical skills as important tools in fields such as geography, biology, environmental science, art, economics, fashion design and management. Mathematics underpins most industry, trade and commerce, social and economic planning, and communication systems. The intent of Mathematics is to encourage students to develop positive attitudes towards mathematics by an approach involving problem solving and applications. Students will also be encouraged to work systematically and logically, and to communicate with and about mathematics. Mathematics is designed to raise the level of competence in the Mathematics required for intelligent citizenship, to increase students' confidence in using mathematics to solve problems and to provide the basis for further studies.

AREAS OF STUDY: The topics include:
- Introduction to Functions
- Periodic Functions and Applications
- Applied Statistical Analysis
- Exponential and Logarithmic Functions and Applications
- Algebraic techniques

ASSESSMENT: Mathematics is assessed via:
- Exams
- Stimulus response exercises
- Assignments
- Regular bookwork checks

FUTURE OPTIONS: Tertiary/Vocational Education, Workforce
SUBJECT: MEDIA STUDIES

PRE-REQUISITES: Nil.

AIMS: To develop in students skills in the use of different mediums to deliver a message.

AREAS OF STUDY: Media Studies teaches students skills in the areas of film making, photography, digital editing, journalism and web-based medium.

ASSESSMENT: Assessment will include assignments, exams, and practical work.

FUTURE OPTIONS: Journalist, film industry, or photographer.

SUBJECT: MUSIC

PRE-REQUISITES: Students who choose Music should do so because they have an interest in the subject. Students will be doing a considerable amount of practical work on a variety of instruments, therefore should be willing to learn as well as develop their skills with one or more instruments. Students should also have some prior knowledge in this area.

AIMS: The aim of this subject is to focus on students making music and developing the ability to think and express themselves in sound. Through exposure to a repertoire from various cultural and historical contexts, students learn to aurally and visually identify, respond to and use the elements and patterns of music.

AREAS OF STUDY: Students will study composition, performance and analysis of music through the following units:
- Wicked!! (Music of the Theatre)
- Big Bangs in Music (Music has had an impact on history)
- All that Jazz (Jazz)
- Lights. Camera, Action (Film Music)

ASSESSMENT: Assessment will consist of a combination of performances, compositions, assignments or examinations.

FUTURE OPTIONS: Careers that utilise music include performing arts administrator, music producers, soloists, contemporary musicians, music journalists, specialist retailers, music or sound composer for film, television or multimedia, sound designers, audio engineer, orchestral performer, music educators (primary/secondary) music therapy, instrumental instructors.
SUBJECT: SCIENCE

PRE-REQUISITES: Nil.

AIMS: To develop in students the knowledge and processes necessary to prepare them for Senior Biology, Chemistry, Physics or Earth Science. To develop a broad range of scientific skills which include practical group work, report writing, manipulative skills and reasoning skills and develop an appreciation of the widespread applications of Science in everyday life.

AREAS OF STUDY: Forces and motion, electricity and electronics, energy and momentum, light and optics, atomic structure, the periodic table, properties of materials, rates of chemical reactions, chemical equations and ionic bonding.

Biology Foundations:
- Animal anatomy and physiology
- Plant anatomy and physiology

Earth Science Foundations:
- Earth structure and planet science
- Geology and mining

ASSESSMENT: Assessment will include assignments, exams, practical reports and project work.

FUTURE OPTIONS: Veterinarian, biologist, horticulturalist, medical practitioner, surgeon, nurse, genetics research scientist, national parks and wildlife officer, animal refuge worker, forensics police investigator. Geologist, miner, field engineer, surveyor. Electrical / chemical or structural engineer, electrical trade apprenticeship, pharmacist, pilot, astronaut, inventor, industrial chemist.

SUBJECT: SMART MOVES

PRE-REQUISITES: Nil.

AIMS: Smart Moves is compulsory for all students in P-9. It can be described as physically active activities, engaged in for relaxation and enjoyment, requiring exertion and human activity.