YEAR 8

2015

Subject Selection Information
This outline gives you information about the curriculum programs for Year 8 students and is designed to provide the basis for consultation between parents/caregivers, students and teachers. Narrogin SHS endeavours to ensure that students in Year 8 receive a diverse curriculum that exposes all students to each of the eight Learning Areas.

All students will study four periods of English, Mathematics, Science, and Humanities and Social Sciences each week. Students will also study four periods of Health and Physical Education (HPE) each week, comprising three periods of physical activity and one period of health education. Within HPE students must also select from one of four contexts; General Physical Education, Cricket, Netball or Hockey.

Within the Language Other Than English (LOTE) learning area all students will select one of two contexts, either Indonesian, or Aboriginal Language and Culture. While some students will have been studying a language other than that offered at Narrogin SHS, classes will vary in ability level to allow students the best opportunity to develop their language skills.

Students will study either Integrated Arts or Music from within The Arts learning area for two periods a week. Students currently involved in instrumental classes at primary school are expected to continue this commitment into Year 8. Music students involved in the school band are expected to choose Music as their Arts program.

There are three different areas in which students undertake Technologies education at Narrogin SHS. These are Food Science and Technology, Digital Citizenship, and Design and Technology. Students will study a subject from each of these areas for two periods a week.

Year 8 students can apply to be part of the Narrogin Academic Extension Program (NAEP). The selection process involves an entrance test to assess the students’ academic ability, together with NAPLAN results and recommendations from their Primary school.

The NAEP is designed to extend the skills and abilities of our talented students by providing a challenging environment where students can work with peers who share similar interests, aspirations and abilities. To be considered for this highly regarded pathway students need to complete the written application form included in the enrolment package and submit it along with the enrolment forms. Applications are also available on the Narrogin Senior High School website www.nshs.wa.edu.au. All applicants will be notified when they are to sit the compulsory entrance test.

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### YEAR 8 SUBJECTS
(Elective subjects 2 periods/week)

<table>
<thead>
<tr>
<th>Learning Area/Subject</th>
<th>Length – Full Year</th>
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<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 periods/week</td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>4 periods/week</td>
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<tr>
<td><strong>Science</strong></td>
<td>4 periods/week</td>
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<tr>
<td><strong>Humanities and Social Science</strong></td>
<td>4 periods/week</td>
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<tr>
<td><strong>Health and Physical Education</strong></td>
<td>4 periods/week</td>
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<tr>
<td><strong>LOTE - Aboriginal language and Culture or Indonesian</strong></td>
<td>2 periods/week</td>
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<tr>
<td><strong>The Arts</strong></td>
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<tr>
<td>Integrated Arts or Class Music</td>
<td>2 periods/week</td>
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<tr>
<td><strong>Technologies</strong></td>
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<tr>
<td>Food Science and Technology</td>
<td>2 periods/week</td>
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<tr>
<td>Digital Citizenship</td>
<td>2 periods/week</td>
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<tr>
<td>Materials, Design and Technology</td>
<td>2 periods/week</td>
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AUSTRALIAN CURRICULUM: ENGLISH

In Year 8, students are placed into classes based on Year 7 NAPLAN data, anecdotal information provided by Primary schools and diagnostic testing which takes place during transition and the first week of term. We also provide a NAEP class and a Focus class. It is possible for some students to move to another class at the end of Semester 1 if their performance changes significantly and class numbers allow.

The year-long program utilises the interrelatedness of the three strands of Language, Literature and Literacy and each term’s unit integrates the content from all three strands. Students cover one theme per term within which receptive and productive tasks are set. These themes are:

- Sustainability
- Personal and Social Capabilities and Ethical Understanding
- Asia and Australian Engagement
- Aboriginal and Islander Histories and Culture: Intercultural Understanding

The body of knowledge which students study is marked against the Australian Curriculum year level descriptors and Judging Standards in Year 8 English (Schools Curriculum and Standards Authority). Both the content and the tasks are differentiated according to the students’ needs.

Students are assessed on three strands:

- Reading and Viewing
- Writing
- Speaking and Listening
In Year 8, students have the opportunity to apply to be part of the Narrogin Academic Extension Program (NAEP). The selection process involves an entrance test to assess the student’s mathematical ability, a student’s NAPLAN results and recommendations form their Primary school.

Aside from the NAEP class, students are not streamed and follow the Australian Curriculum Mathematics which is organised around the interaction of three content strands:

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

In Number and Algebra, students explore the magnitude and properties of numbers. They build on their understanding of the number system to describe relationships and formulate generalisations. They recognise equivalence, and solve equations and inequalities.

In Measurement and Geometry, students develop an increasingly sophisticated understanding of size, shape, relative position and movement of two-dimensional figures in the plane and three-dimensional objects in space. They investigate properties and apply their understanding of them to define, compare and construct figures and objects.

In Statistics and Probability, students represent, summarise and interpret data, and undertake purposeful investigations involving the collection and interpretation of data. They assess likelihood and assign probabilities using experimental and theoretical approaches.
The Australian Science Curriculum promotes six overarching ideas that highlight certain common approaches to a scientific view of the world and which can be applied to many of the areas of science understanding. These overarching ideas are: patterns, order and organisation, form and function, stability and change, systems, scale and measurement, and matter and energy.

In Year 8 students will be taught and assessed on:

- Science Understandings
- Science as a Human Endeavour
- Science Inquiry Skills

In Year 8, students are introduced to cells as microscopic structures that explain macroscopic properties of living systems. They link form and function at a cellular level and explore the organisation of body systems in terms of flows of matter between interdependent organs.

Similarly, they explore changes in matter at a particle level, and distinguish between chemical and physical change. They begin to classify different forms of energy, and describe the role of energy in causing change in systems, including the role of heat and kinetic energy in the rock cycle.

Students use experimentation to isolate relationships between components in systems and explain these relationships through increasingly complex representations. They make predictions and propose explanations, drawing on evidence to support their views.

Students who apply for the highly regarded Narrogin Academic Extension Program (NAEP) course need to be cooperative and practical in their approach to science and technology learning. Students who are successful in applying for the NAEP program will participate in an extension program designed to prepare them for Senior School Science courses.
HUMANITIES AND SOCIAL SCIENCES

The Humanities and Social Sciences learning area develops, through a process of inquiry, students’ understanding of how individuals and groups live together and interact with their physical and cultural environment. Students develop respect for cultural heritage and a commitment to social justice, the democratic process and sustainability. These inform decision-making that contributes to community cohesion and a positive future.

Themes studied are Geography (Landforms and Landscapes, and Reshaping the Nation), Civics and Citizenship (Basic Economics, and Introduction to Government incorporating Asia Literacy) and World Cultures and History (The Ancient to Modern World 650 – 1750).

Students will have the opportunity to study History (Australian Curriculum) by investigating broad questions such as:

- How did societies change from the end of the ancient period to the beginning of the modern age?
- What key beliefs and values emerged, and how did they influence societies?
- What were the causes and effects of contact between societies in this period?

In Year 8 students will be taught and assessed on:

Investigation, Communication and Participation

- Resources
- Culture
- Place and Space
- History (Australian Curriculum)

The content covered in Humanities and Social Sciences in Years 8, 9 and 10 will prepare students to study Senior School courses in Geography, Modern History, Politics and Law, Economics and Business, or Management and Enterprise (Tourism Operations).
Health and Physical Education enables young people to promote their own and others’ health, wellbeing, safety and participation in physical activity throughout their lifetime. The knowledge, understanding and skills in this area underpin the competence, confidence and commitment required for all students to engage in healthy, active living in varied and rapidly changing contexts.

There are four strands to the Health and Physical Education curriculum. In Year 8 students will be taught and assessed on:

- Skills for Physical Activity
- Concepts for a Healthy Lifestyle
- Interpersonal Skills
- Self-Management Skills

The four contexts available in the HPE Learning Area are General Physical Education, or the Cricket, Hockey or Netball Academies.

If students choose an Academy Sport, that sport will be the focus of their education when in season. Cross Training opportunities are provided out of season to give a greater breadth of study.

Sports Academy Uniform
available from Steelo’s Guns and Camping
Egerton Street Narrogin.
In LOTE, students have the choice of studying Indonesian or Aboriginal languages. Learning a language is the best way to learn about other societies and cultures, and assists us to see the world from another perspective. Languages also make us go back to the language basics, helping us to strengthen our comprehension and literacy skills in our first language. Studying a language helps us to utilize different ways of learning as it makes us question the way we learn, which is helpful in memorising facts and information. The techniques we use learning a language can then be applied across learning areas. Learning a language provides wonderful opportunities for those intending to work in tourism, fashion, teaching, defence forces, hospitality, government, business or in the diplomatic service.

There are three aspects to the LOTE curriculum. Students will be taught and assessed on:

- Listening, Responding and Speaking
- Viewing, Reading and Responding
- Writing
- Cultural Understanding

**YEAR 8 INDONESIAN LANGUAGE**

Developing the skills to learn a foreign language, particularly that of one of Australia’s closest neighbours, plays an important role in preparing students to participate effectively as global citizens of the 21st century. The Year 8 Indonesian Language course prepares and provides students with essential vocabulary and cultural understanding to communicate effectively with the Indonesian people, either as a host receiving guests, or as a visitor on holiday in locations such as Bali.

The learning of a second language has been noted to support cognitive, linguistic and literacy skills within our first language, and nurtures a competence in cultural understanding and global awareness. These skills are emerging as essential prerequisites for Australia’s social and economic well-being, in line with national requirements and enhance employment and career prospects.

**ABORIGINAL LANGUAGE AND CULTURE**

Aboriginal histories and culture are fundamental to the development of Australian identity and the formation of contemporary Australian society. The exploration of Aboriginal culture - past, present and future, and Aboriginal peoples’ interactions with other socio-cultural groups, provides a logical starting point for the exploration of cultural identity.
THE ARTS

The Arts develop creative thought including originality, problem solving, the understanding of complex situations, and they help students to reflect on the motivations of others, as well as developing interpersonal skills. The Arts support development and achievement in the general capabilities of students such as literacy, numeracy, information and communication technology, self-management, teamwork, social competence, intercultural understanding and creativity. In Year 8, students have a choice of studying Integrated Arts or Class Music. Our program will provide students with excellent facilities and specially trained teachers.

INTEGRATED ARTS
Students will study two periods per week of Integrated Arts. This subject involves combinations of projects in Visual Arts, Media, Photography and Music. Design and research are an integral part of all areas of study. Students are expected to reflect and respond to their own experiences and those of artists and peers.

There are four strands to the Arts curriculum. In Year 8 students will be taught and assessed on:

- Arts ideas
- Arts skills, Techniques and Processes
- Arts Responses
- Arts in Society

MUSIC

CLASS MUSIC
This subject is compulsory for all band students and develops musicianship in conjunction with the Instrumental and Ensemble Music units. To be eligible for this subject, students should:

- Be learning an instrument through a school or Department of Education tutor or,
- Be learning an instrument, such as the piano or voice, from a private music teacher

Through practical music-making activities students will begin the study of styles of music and develop skills in aural awareness, basic music knowledge and musical appreciation. Students will be introduced to basic keyboard skills.

INSTRUMENTAL AND ENSEMBLE MUSIC
This subject is compulsory for all band students and is designed to meet the needs of individual students. Individual and small group lessons will assist the student to develop skills in a specific instrument. Students who participated in this program at primary school will be automatically selected for this course.

Students doing this subject MUST also do Class Music. Students will study:

- Posture
- Technical studies to their level of expertise on their particular instrument
- A variety of musical pieces which are graded to their individual needs
- A wide repertoire music suitable to an ensemble group

Within the instrumental context students will be assessed on:

- Arts Ideas
- Arts Skills, Techniques and Processes
In Year 8 students have the opportunity to study technologies in three contexts:

- Material, Design and Technology
- Digital Citizenship
- Food Science and Technology

**MATERIAL DESIGN AND TECHNOLOGY**

Students undertaking this course will be introduced to skills in Woodwork, Metalwork and Technical Drawing. The program of work will provide students with practical skills and knowledge enabling them to show development in:

- Technology and Enterprise Process
- Technology and Enterprise Materials

**DIGITAL CITIZENSHIP**

Technology is part of our daily life. This subject allows students to develop skills in Microsoft Office software packages (Word, Excel, Power Point). It also helps students to appropriately use and apply technology skills across all learning areas.

This subject aims to develop responsible digital citizenship. This may include digital media literacy (copyright, plagiarism, illegal downloads), peer and personal safety (E-Security knowledge), positive online behaviour, cyber safety and responsible use of information and communication technologies.

The program of work will provide students with practical skills and knowledge enabling them to be assessed in:

- Technology and Enterprise Systems
- Technology and Enterprise Process

**FOOD SCIENCE AND TECHNOLOGY**

Students will be introduced to knowledge and skills of the properties and preparation of a variety of food products. They will also learn about the importance of good nutrition. The program of work will provide students with practical skills and knowledge enabling them to be assessed in:

- Technology and Enterprise Process
- Technology and Enterprise Materials