

YEAR 8 SUBJECTS 2017



COMPULSORY SUBJECTS

ENGLISH

Learning Area – English

In Year 8 English students study a variety of genres to address the outcomes of Reading and Viewing, Writing, and Speaking and Listening. Students learn a variety of reading strategies, write persuasive essays, read and respond to poetry/song lyrics, study novels and feature articles, view documentaries and current affairs programs and look into the world of electronic texts. There is a year-long focus on the conventions of Standard Australian English such as spelling, punctuation and grammar. Students in all classes follow a similar program, however there is opportunity for classes and teachers to explore topics and themes of interest. We have fully implemented the Western Australian Curriculum and continue to look forward to integrating various information technologies to our teaching and learning programs. Students are adequately prepared for the NAPLAN assessments in Year 9 English and there is also a focus on strategically analysing their assessment data to maximise their chances of passing the Online Literacy and Numeracy Assessments in later years.

MATHEMATICS

Learning Area - Mathematics

The Western Australian Curriculum: Mathematics provides students with essential mathematical skills and knowledge in *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built. The curriculum focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, logical reasoning, analytical thought and problem-solving skills. These capabilities enable students to respond to familiar and unfamiliar situations by employing mathematical strategies to make informed decisions and solve problems efficiently

Topics Studied:

Number and Algebra

- Real Numbers
- Money and financial mathematics
- Patterns and algebra
- Linear and non-linear relationships

Measurement and Geometry

- Using units of measurement
- Geometric reasoning
- Pythagoras and trigonometry

Statistics and Probability

- Chance
- Data representation and interpretation

SCIENCE

Learning Area – Science

The Western Australian Curriculum: Science provides students with skills and knowledge in Physics, Chemistry, Biology, Earth and Space and Investigating. It develops their critical thinking and analysis skills that students will need in order to make informed decisions about the world around them; their personal, work and civic life and provide the fundamentals on which science professions are built.

The Year 8 students will build on their Science Inquiry Skills and incorporate these into a wide range of contexts. The content strands focus on developing students knowledge and understanding of systems, interactions between differing systems, how these are influenced by external factors as well as developing a more sophisticated understanding of these systems within a global context.

HUMANITIES AND SOCIAL SCIENCES

Learning Area – Humanities and Social Sciences

Changes confront students in a number of contexts – local, national, regional and global. These include increasing interdependence as a result of globalisation; the use and impact of new technologies; the dynamic nature of social, economic and political structures and relationships; the increasing demand for declining natural resources and the emergence of sustainable management practices; and the acquisition and application of new knowledge.

Students are encouraged to apply the understandings and skills developed in **History, Economics and Business, Civics and Citizenship and Geography** in their own lives, in developing environmental consciousness, social competence and civic responsibility. In doing so, they are engaged in actively exploring, making sense of and contributing to improving the world around them.

At KBCHS we are working towards full implementation of the Western Australian Outline and will be reporting using the Humanities and Social Sciences heading form 2016.

PHYSICAL EDUCATION

Health & Physical Education – Physical Activity

Students will have the opportunity to perform a variety of individual movement skills and sequences demonstrating improved control, accuracy and efficiency in their performance. In competitive contexts, they will implement a variety of tactics to achieve an intended outcome.

Students will also provide simple descriptions of how to measure heart rate and breathing rate in response to changes in physical activity. They use simple terms to describe linear, angular and general motion when reflecting on ways to improve performance outcomes. When faced with movement challenges, they select and implement simple tactical responses to achieve an intended outcome.

Topics Studied:

- Athletics / Team Games
- Badminton
- Softball
- AFL
- Touch Rugby
- Hockey
- Captaining & Umpiring

HEALTH EDUCATION

Health & Physical Education – Health

Students will identify skills and strategies to manage change, and promote all aspects of their own and others' health, including making informed decisions, using assertive responses, and making contingency plans to avoid and prevent risks to health.

Students will also identify the impact of negative behaviours on relationships and describe a range of factors and their impact on a person's emotional response and behaviour.

Topics Studied:

- Wellness (self-understanding, enhancing resilience as an adolescent)
- Lifestyle choices (lifestyle diseases)
- Growth, Development and Sexual Health (sexual health, contraception, pregnancy,)
- Drug Education (Alcohol and other Drugs in a Social Setting)

CHOICE SUBJECTS

CHILDREN, FAMILY and COMMUNITY (9086)

Technologies - Home Economics

This course introduces students to the needs of young children and how we can best care for them. Learning about family structures, communities, how children grow and develop in a family. Practical skills relating to the life of a young child such as bathing, dressing and feeding are covered. Students will develop activities for young children and plan and prepare activities for visiting groups of children. Students may also choose to participate in the "Baby Think It Over" virtual parenting experience. This course is good preparation for Year 10 Children and Family Studies and has links to the Year 11 Early Childhood Studies subject. Eighty (80)% of this course is theoretical while the remainder involves engaging in practical experiences associated with the development of children.

Topics Studied:

- Child Development
- Pregnancy & Childbirth
- Contraception
- Child Infant Health
- Childhood Diseases
- Child & Play
- Food & Nutrition
- Practical Cookery
- Practical Crafts for children

Prerequisite skills/experience

- An interest in working with children, medicine and/or nursing.

COMPUTER SCIENCE (8084)

Digital Technology

This course will allow students to gain knowledge and confidence when using iPads, Word, Excel, PowerPoint and multi-media for research and presentations. Students will be taught a sound understanding of internet safety, cyber bullying and social, legal and ethical issues related to use of technology, including acceptable use and copyright. It is expected that students will either use their own computers for homework and assignments, or use available school computers at lunchtime.

Topics Studied

iPads	Problem Solving Strategies
Computing Terminology	Computer Programs
Internet safety	Copyright Issues
Computer Life	

DANCE (4181)

The Arts – Performing Arts

Students will be building on their knowledge of the elements of dance and the skills of choreography. Students will be using choreographic devices and processes to create their own dance pieces, working in small groups. There will be many opportunities to perform newly developed skills. Students will be expected to participate in the 'Arts Night'

Topics Studied:

- Jazz Dance
- Hip Hop Dance
- Dance History
- Warming up, cooling down
- Performance skills
- Choreography skills
- Journal writing

DRAMA (4281)

The Arts – Performing Arts

Students apply knowledge learnt through previous Drama studies to develop scripted and devised performances. Students will take part in whole class performance opportunities, and use a range of technologies to develop an understanding of backstage Design and Production. Students will develop advanced characterisation skills, and learn about a range of performance styles and genres.

Topics Studied:

- Individual & group devised shows
- Movement
- Character and voice
- Using appropriate technology
- Critical viewing and reviewing
- Journal writing
- Scriptwriting

FIBRE & TEXTILE PRODUCTION (9085)

Technologies – Home Economics

Students who wish to learn or develop practical skills in this subject area will enjoy this course. Through a variety of craft and textile design projects students will produce a variety of personal and decorative items. Clothing construction will be the major topic studied in this course. Students will undertake research into the fashion and textile industry and learn about what sort of textiles look best through a variety of theoretical and practical experiences. Students are able to have input into items produced in this course.

Topics Studied:

- Sewing Machine and Over locker Care & Use
- Fabric Design.
- Fashion Design
- Colours
- Shoes
- Clothing Manufacture
- Embroidery – with thread and bead
- Textiles in the Home

Prerequisite skills

- An interest in the Sewing Machine
- An interest and a future career in Fashion Design
- An interest in competing in Fashion Competitions
- An interest in creating with Textiles

FOOD PRODUCTION 9082

Technologies - Home Economics

Students will examine the lifestyle and food needs of a teenager. They will develop food production skills whilst planning and preparing foods and meals for a variety of lifestyles (fit and active teen, social teen, working teen). Students will explore activities relevant to a teenager's lifestyle and how food can be used to optimise and enhance enjoyment of this stage of life. Fifty (50)% of this course will be devoted to practical cookery while the remaining 50% will be applied to written research projects and theoretical concepts applied to food studies.

Topics Studied:

- Social Occasions
- Restaurants
- Practical Cookery
- Lifestyle and Foods
- Breakfasts/Lunches/Dinners
- Table Setting Design
- Food and Dining Presentation
- Menu planning and presentation

Prerequisite skills/experience

- An interest in cookery, cake decorating, food & nutrition
- An interest and a future career in Hospitality

GOLDFIELDS FOOTBALL ACADEMY (2181)

The GFA is run by the Clontarf Foundation and works in partnership with KBCHS. All Aboriginal boys are eligible to apply and must demonstrate commitment to their educational programs, school activities and football training to maintain their position. The program aims to support students to remain engaged in learning and successfully transition from KBCHS into further education, training or employment. A key aspect of this work is developing employability skills and a sustained commitment to learning in the boys.

KALGOORLIE GIRLS ACADEMY (2182)

Students further develop performance skills and game strategies through their involvement in a variety of sports. Students will use self-management, interpersonal and communication skills during Team Challenge and Physical Education lessons. The course is designed to develop students academic performance, personal growth and learning the benefits of a healthy and active lifestyle.

Topics Studied:

- Range of Sports (specialising in basketball and netball)
- Team Challenges (group tasks and individual challenges)
- Cooking healthy and nutritious meals
- Personal Development (literacy, numeracy, health, careers)
- Camps designed to develop leadership skills and skills for physical activity

MULTI-MEDIA (4381)

The Arts - Media

This intensive, hands on unit is designed for students who have a keen interest in several forms of Media and Photography. During this course, students will have the opportunity to study various forms and techniques with great emphasis on teamwork and collaboration as all tasks are carried out to reflect a realistic and professional environment.

Topics Studied:

- Genre
- Stop Motion
- Television Crime Drama
- Film Production
- Storyboard
- Script Writing
- Adobe Premier and Photoshop
- Codes and Conventions

MULTI-SPORT (6580)

Health & Physical Activity – Physical Activity

Students will demonstrate movement skills, strategies and tactics for confident participation in physical activity at a 'Social Sport' level. Students will use self-management skills, apply their knowledge of beliefs and values, predicts risks and benefits for the achievement of health and physical activity goals. Students will need to select and plan to use interpersonal processes and related communication and cooperation skills to enhance interpersonal and group relationships. Students will be given opportunities to experience various sports, games, recreational activities and leisure pursuits with the aim of developing the skills necessary to make informed lifestyle decisions.

Some of the topics covered:

- European Handball
- Dodgeball Games
- Gridiron
- Floor Hockey
- Ultimate Frisbee
- League Tag
- Paintball (Modified)
- Table Tennis

Recommended skills/experience:

- Completion of Year 7 Health and Physical Education with achievement of C Grade or above.
- Completion of Year 7 Multi-Sport with achievement of C Grade or above.

MUSIC (5082)

The Arts - Music

This course builds on the lessons learned in Year 7 Music. There is a considerable IT component to this course. Students will have access to an online information and video resource which will enable them to complete the written parts of the assessment pieces as well as give practical instruction for some necessary skills in the music industry. Students will need to complete a practice and listening journal, perform on their chosen instrument in class and in Arts Night, keep a portfolio of their work, receive passing marks on online quizzes and a written exam and complete the digital music assessments.

Topics Studied:

- Develop and update music industry knowledge
- Learning Drums, Piano and Guitar
- Develop music knowledge and
- Move and Set up Instruments and equipment
- Operate Portable Audio Recorder
- Use the Internet to Access and

- listening skills
 - Follow Safe Practices in Performing and Listening to Music
 - Develop Basic Technical Skills for Playing and Singing Music
- Modify Music

Required skills/ experience

- Students must have their own instrument or hire one.

OUTDOOR EDUCATION (6680)

Health & Physical Activity – Physical Activity

Students will develop their knowledge, skills and awareness to safely participate in a range of outdoor pursuits in the natural environment. Focus will be given towards environmental appreciation and minimising human impact on the natural environment. Students will also be required to use Self-Management and Interpersonal Skills through a variety of team building activities and challenges. The course aims to culminate with a daylong hike giving students an opportunity to demonstrate and further extend their acquired skills.

Topic Studied:

- Orienteering
- Bush Walking / Hiking
- Environmental Awareness
- Team Building
- Camp Cooking
- Self-Management Skills
- Interpersonal Skills
- Team Building & Problem Solving

Recommended skills/experience:

- Completion of Year 7 Health and Physical Education with achievement of C Grade or above.

SPORT DEVELOPMENT

Health & Physical Education – Physical Activity

Semester 1: Choice of: FOOTBALL and SOCCER and NETBALL (Boys & Girls)

Semester 2: Choice of: CRICKET and BASKETBALL and TOUCH (Boys & Girls)

Students will develop advanced performance skills and game strategies through their involvement in a variety of drill-centred training sessions and game-based competitions. Students will be required to participate in all aspects of the course and must have aspirations to be selected into school-based teams and local development squads.

Topics Studied:

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|---------------------------|------------------------|
| • Skill Development | • Team work |
| • Captaining & Leading | • Rules & Etiquette |
| • Game Based Competitions | • SEPEP (Sport Season) |
| • Strategies and Tactics | |

Prerequisite skills/experience:

- Completion of Year 7 Health and Physical Education with achievement of C Grade or above.
- Interest in the Specialised Sport and aspiration to achieve at a high level.
- Competent sportsperson who regularly participates in sport in the Goldfields.

VISUAL ART (4082)

The Arts – Visual Art

This course offers students the opportunity to create designs for fabrics, lino and other popular consumer products. Students will be encouraged to display their art work within the community.

Topics Studied:

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| • Graphic illustration | • Mixed Media |
| • Clay Sculpture | • Self-evaluation |
| • Art Theory | • Painting |

WANGKATJA (3281)

Languages other than English

Students will build on their knowledge of the Wangkatja language from either Year 7 or from their community. As students become more confident with the language they will look more closely at our local Aboriginal society and gain a deeper understanding of Wangkatja culture and history.

Topics studied:

- Family
- Daily life

- People and stories
- Our people

Recommended skills/experience:

- Completion of Year 7 Wangkatja or prior knowledge of Wangkatja.
- An interest in Aboriginal culture.

WOOD PRODUCTION (7083)

Technologies - Design & Technology

Students will study knowledge, processes and practical skills in all facets of WOOD design and technology. Students are encouraged to develop, design and use problem solving techniques in this course. The course will combine areas of technical drawing, woods, metals, and mechanics so as to prepare students to plan and produce articles suited to the technological age in which people now live. This subject involves components of written work especially with the nature of using design briefs to complete practical projects.

Topics Studied will be selected from:

- Wood Working Constructions – Furniture Pieces, Personal Items
- Safety Processes
- The Metals Industry
- The Building and Construction Industry
- Engineering Applications
- The Mechanical Technologies Industry
- Technical Drawing
- Plastics
- Robotics

Prerequisite skills/experience

- Demonstrated ability to practice safe working practices.
- An interest and a future career in a Design & Technology industry