



Year 8: Curriculum Topics

Maths

Prime numbers and factorisation
Calculating with fraction
Positive and negative numbers
Sequences, Expressions and Equations
Constructing triangles and quadrilaterals and properties of angles in parallel lines
Length and area
Percentage change
Ratio
Rounding and accuracy
Circumference and area of circles
3D shapes and Nets
Surface area and volume of 3D shapes
Statistics

English Language

Days that changed the world (INSPIRE project)
Gothic texts
Persuasive writing using the environment

English Literature

Much ado about nothing
Poetry
Animal Farm
To Kill a Mockingbird

Science

Periodic table and materials
Energy from food
Chemical reactions and the environment
Electricity and magnetism

Waves and pressure
Keeping healthy

History

Industrial Revolution
Empire
The Trans-Atlantic Slave Trade
Native Americans

Geography

Hurricanes
Migration
Mountains
Fashion
Sport
Climate change

RE

Islam
Sikhism
Buddhism
Christianity

Modern Foreign Languages (French and Urdu)

Home
Town and area
Holidays
Paris/Pakistan

ICT

E-safety
HTML programming/web design
Python programming
Databases
Kudo gaming
Project

Art

Baseline assessment

Still life arrangements: natural form colour – exploration of colour, colour wheel, practical application of colour
Drawing – observation drawing and painting
Drawing with different media – observation drawing eg fruit, vegetables
First hand response to collection of objects in still life arrangement
Written annotation and artwork analysis
Development work
Artist Analysis – Gillian Cook, Karl Blossfeldt – relevant to themes
Experimentation – series of work linked to the culture of work of Australia and Australian Artwork
Aboriginal symbols: collage, creative mark making/use of colour/range of materials
Written annotation and artwork analysis
Outcome (painting): Students to produce final piece inspired by their ideas and prior artwork
Drawing: First hand response to imagery.
Form (shape) – observed analytical drawing
Pattern – experimentation work. Development of a pattern for final piece
Collage (i) low relief texture collage – corrugated card/string/found textures
Printing – frottage/monoprints
Introductions to artist's work – Christopher Marley – relevant to themes

Music

Rap music – developing lyric writing skills
Film music – developing the ability to compose for the orchestra through the medium of film
Cover tunes – developing the ability to change or arrange an existing song to fit a given theme
Ensemble – developing the ability to work in a band and understand how to work in the music industry

PE

Boys:

Football
Fitness
Rugby
Gymnastics
Hockey
Basketball
Table tennis
Badminton
Rounders/cricket
Athletics

Girls:

Fitness
Rugby
Gymnastics
Football
Netball

Basketball
Hockey
Table tennis
Badminton
Rounders/cricket
Athletics