# Year 8 Curriculum Overview

Year 8 is a time of development. As both individuals and as learners, Year 8 Huntingtower students are given the opportunity to develop their current and lifelong learning attributes. As a consequence, our students build on their love of learning and work towards enhancing their personal and academic outcomes, both inside and outside the classroom. A camp at Lake Eildon, Medieval Day and Integrated Studies Days are highlights of Year 8.

## English

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Power of the Voice</strong></td>
<td><strong>The Truth Hurts</strong></td>
<td><strong>Telling it Like it Is</strong></td>
<td><strong>Film Study: The Karate Kid</strong></td>
</tr>
<tr>
<td>Students will understand the skills and concepts involved in reading, deconstructing and composing short stories. They will also understand persuasive language for debating.</td>
<td>Students will understand literary features and structures of <em>The Other Side of Truth</em> by Beverley Naidoo. They will also demonstrate their understanding through a variety of genres. Students will demonstrate knowledge and appreciation of a range of texts in Literature Circles.</td>
<td>Students will understand media terminology, analyzing different categories of advertising. They will produce their own ‘pitch’ to a panel. Students will complement this through studying the novel <em>Ads R Us</em>.</td>
<td>Students will understand a variety of cinematic terminology to unpack scenes from the film.</td>
</tr>
</tbody>
</table>

## Mathematics

<table>
<thead>
<tr>
<th>Directed Numbers, Indices, and Algebra</th>
<th>Percentages, Fractions, and Ratios</th>
<th>Measurement, Equations, and Cartesian Graphs</th>
<th>Geometry, Chance and Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will understand how to use efficient mental and written strategies to carry out the four operations with integers. Students will understand index laws and be able to apply them. Students will make connections between expanding and factorising algebraic expressions.</td>
<td>Students will investigate scale factors and ratios. Students will understand percentage and appreciate the relationship between percentages, fractions and decimals. They will solve everyday problems involving rates, percentages, profit and loss.</td>
<td>Students will convert between units of measurement for area and volume. They will perform calculations to determine perimeter and area of parallelograms, rhombuses and kites. They will name the features of circles and calculate the areas and circumferences of circles. Students will also understand inverse operations and balancing equations. They then will be able to solve linear equations and graph linear relationships on the Cartesian plane.</td>
<td>Students will model authentic situations with two-way tables and Venn diagrams. They will choose appropriate language to describe events and experiments. Students will explain issues related to the collection of data and the effect of outliers on means and medians in that data. Students will determine complementary events and calculate the sum of probabilities. Students will investigate the conditions for the congruence of triangles and deduce the properties of quadrilaterals.</td>
</tr>
</tbody>
</table>

## Bible Studies

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Life of Jesus</strong></td>
<td><strong>Revolutions and Rituals</strong></td>
<td><strong>Parables</strong></td>
<td><strong>The Disciples</strong></td>
</tr>
<tr>
<td>Students will understand various interpretations of the life of Jesus.</td>
<td>Students will understand peaceful revolutions &amp; rituals.</td>
<td>Students will understand Jesus’ Parables.</td>
<td>Students will understand the disciples’ mission.</td>
</tr>
</tbody>
</table>

## Science

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cells (Biological Sciences)</strong></td>
<td><strong>Systems – Respiratory and Circulatory (Biological Sciences)</strong></td>
</tr>
<tr>
<td>Students will understand that cells are the basic units of living things and have specialised structures and functions.</td>
<td>Students will understand that multi-cellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce.</td>
</tr>
<tr>
<td><strong>Control and Coordination – digestive and excretory systems (Biological Sciences)</strong></td>
<td><strong>Chemical Reactions (Chemical Sciences)</strong></td>
</tr>
<tr>
<td>Students will understand how the requirements for life (for example nutrients, water and removal of waste) are provided through the coordinated function of body systems such as the digestive and excretory systems.</td>
<td>Students will understand that chemical change involves substances reacting to form new substances. They will understand the factors that influence the rate of chemical reactions.</td>
</tr>
<tr>
<td><strong>Matter (Chemical Sciences)</strong></td>
<td><strong>Transferring and Transforming Energy (Physical Sciences)</strong></td>
</tr>
<tr>
<td>Students will understand that the properties of different states of matter can be explained in terms of the motion and arrangement of particles and that the differences between elements, compounds and mixtures can be described at a particle level.</td>
<td>Students will understand that energy appears in different forms including movement (kinetic energy), heat and potential energy, and that this causes change within systems. Students will understand the transfer of heat in terms of convection, conduction and radiation.</td>
</tr>
<tr>
<td><strong>Sedimentary, Igneous and Metamorphic Rocks (Earth and Space Sciences)</strong></td>
<td><strong>Systems – Reproduction (Biological Sciences)</strong></td>
</tr>
<tr>
<td>Students will understand that sedimentary, igneous and metamorphic rocks contain minerals and are formed by processes that occur within Earth over a variety of timescales.</td>
<td>Students will understand that multi-cellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce.</td>
</tr>
</tbody>
</table>
## Year 8 Curriculum Overview

### Information Technology

**Spreadsheets, Webpages and Game Design**  
Students will understand how to use Numbers to plan and create spreadsheets. They will also gain an understanding of the principles of game design in Game Maker.

### History/Geography

**The Medieval World**  
Students will understand the structure of Medieval Japan and Europe and the social, political and religious developments they experienced during the Middle Ages.

**Spanish Conquest of the Aztecs**  
Students will understand the structure and beliefs of the Aztec civilization and the impacts that the Spanish conquests had on Aztec society.

**Geography**  
Students will understand the nature of landscapes; their formation and processes that affect them. Students will also understand how people use and manage different regions and the hazards that impact landscapes.

**Geography**  
Students will understand how the spatial distribution of population is a sensitive indicator of economic and social change, and that it has significant environmental, economic and social effects, both negative and positive. This is achieved by exploring the process of urbanization.

### Integrated Studies

**Identity**  
Students will appreciate their own histories and cultural backgrounds. They will learn about the history of Huntingtower and how it has changed over time. After undergoing interview training, students will meet and interview past students.

**My Religion Rules**  
Students learn and appreciate the fundamentals of the world’s largest religions. They further enrich their knowledge and learn hospitality skills by focusing on a religious celebration, and catering a 2 course meal for 7 people in a formal setting.

**Dollars and Sense**  
Students begin to understand what the world of business means. They undertake the development and manufacturing of a product, as well as the advertising and marketing of their product. Students learn budgeting as well as profit and loss through the Market Stalls where they sell their products to customers.

**Move your Bum**  
Students receive an introductory experience to nutrition, health, well-being and fitness. They improve their fitness skills by participating in activities that are different from their regular sports. The aim is to challenge students and to show how different activities have different effects on their bodies.

### French

**School Life**  
Students will be introduced to the French school system by describing the classroom, items in their backpack and giving instructions. They will learn about eating in the school canteen, plurals of nouns and articles as well as vocabulary and grammar to discuss meal times in France and telling the time. They will appreciate a French film.

**Eating in France**  
Students will understand how to order food and drink, use negative and interrogative structures and numbers 60-100.

**The French Revolution**  
Students will appreciate the life of Louis XIV and understand the French Revolution and the legacy of the revolution.

**Family Life**  
Students will understand how to discuss family life and vocabulary using the possessive adjective, the pronoun ‘on’ and the use of regular verbs.

**Finding your way around weather and sports**  
Students will learn the terms for shops and services, how to give directions and specify locations. They will also understand how to discuss sport, leisure and the weather.

### Indonesian

**Di Sekolah**  
Students will understand how to introduce themselves and friends in Indonesian, including their names, age, telephone numbers, nationality and address.

Students will learn how to count 1000 and beyond, fractions, and how to use the words ‘sudah’, ‘tidak’ and ‘belum’.


**Keluarga Saya**  
Students will understand how to offer somebody food or drink, accept and decline offers, tell the time and talk about their families and pets.

Students will learn ordinal numbers, ask for confirmation, indicate days of the week and the date, read a school timetable in Indonesian, indicate frequency, and talk about hobbies.

**Berbelanja**  
Students will understand how to quantify using appropriate group classifiers, enquire about colours and indicate colours, describe quality and identify objects, ask about the price and the cost of services, make comparisons, and bargain at a market.

Students will understand how to make questions and statements. The grammar focus will be: prepositions, question words, word order, first and second person pronouns and ‘kami’, ‘kita’.

**Arah dan Lokasi**  
Students will understand how to suggest activities, invite people to functions, decline invitations, indicate interest in something and ask and give descriptions.

Students will understand how to indicate the primary points of the compass, ask for help, offer help, ask for directions, give directions, ask for an address and give an address.

The grammar focus will be: ‘yang mana’ and ‘sampaikan’ and word order.
# Year 8 Curriculum Overview

## Literacy Enrichment

### Being a Skilled Writer.
Students will develop technical literacy skills using a range of multi-modal techniques.

### Detective Skills.
Students will read *Lamb to the Slaughter* and *The Tell Tale Heart*, analysing genre, narrative and characters. They will seek linguistic evidence to support key ideas.

### Becoming a Published Author.
Students will review written skills in literacy and identify layout in different styles of books. Students will plan, design and create their own book and student activities.

### Authorial Choices.
Students will read different genres and develop their inferential skills. They will produce well-structured and substantial main body paragraphs.

## Physical Education

### Fitness and Skills Development
Students will understand rules, concepts of fitness and strategies in swimming, athletics, AFL and netball. They will also understand how to develop their skills in each of these areas.

### Fitness and Skills Development
Students will understand rules, concepts of fitness and strategies in self defence, volleyball, badminton, soccer. They will develop their skills in each of these areas.

## Semester Subjects

### Visual Art
**Ceramic Sculptures**
Students will understand sculptural techniques for installation in response to self and land, and create a sculptural work for installation.

**Impressionist Painting**
Students will understand the concepts and skills used in the period for drawing and painting and create a finished canvas painting.

**Indigenous Artwork**
Students will explore the artworks of indigenous artists and create an artwork that references themselves and the land.

### Design Technology
**Understanding Wooden and Metal Forms**
Students will understand how to shape and assemble wooden and metal forms safely using specialised tools and equipment. They will complete a project called ‘History in a Box’.

### Music
**Composing and Creating**
Students will consolidate their understanding of music theory and aural comprehension through continued practical and written activities, as well as structured composition tasks using Garageband for iPad. Students will analyse ‘scary’ music from various genres, then use their understanding of the composition techniques employed to create their own piece using class instruments and technology.

### Food Technology
**Feed Yourself**
Students will understand fundamental cooking techniques and skills. Students will learn new methods of food preparation and build on those learned previously. They will prepare two course meals while working co-operatively in groups.

### Drama
**STEP UP!**
Students explore how expressive skills are manipulated to create character.

**WHOSE LINE IS IT ANYWAY?**
Students explore improvisation.

**THEATRE OF SOCIAL CHANGE**
Students explore the conventions of non-naturalistic drama in a socially relevant context for teenagers.

### Visual Communication and Design
**Design is the Key**
Visual Communication Design is the creative communication of information, ideas and visual messages to suit a specified need. Students will understand and develop a variety of drawing skills through observation, visualisation and presentation drawings. Students will understand how to apply digital and non-digital applications, developing their drawing and software skills to make design solutions.