

# Queen Margaret College

# IB Middle Years Whole-School Curriculum

## Year 10 - IB Middle Years

Language and Literature English	Language Acquisition Chinese	Language Acquisition French	Language Acquisition Japanese	Language Acquisition Māori
<p><b>11 Kiwiana brand language study</b></p> <p>② Kiwi brands write structured texts to communicate a specific message to a target audience.</p> <p>Conceptual How does understanding of a culture help us to understand the way non-fiction texts shape reader response?</p> <p>Debatable Can a brand represent all groups in society?</p> <p>Factual What are the conventions used in text types produced by brands?</p> <p>💡 Communication</p> <p>🧘 Personal and cultural expression</p>	<p><b>10 Term 1 Social relationships through birthday celebrations (Phases 2 &amp; 3)</b></p> <p>② The way we connect with others often depends on purpose and sometimes we need to adapt our message to demonstrate our relationships.</p> <p>Conceptual What makes a good family?</p> <p>Debatable How do cultural factors help to define you as a member of a community and culture?</p> <p>Factual What does friendship mean?</p> <p>💡 Connections</p> <p>🌐 Identities and relationships</p>	<p><b>11 Relations sociales</b></p> <p>② While we may be closely connected to other people, we can still experience conflict due to differing points of view and perceptions of fairness.</p> <p>Conceptual What makes a good friend? How do you sustain positive relationships with your friends and family?</p> <p>Debatable What is considered fair in a family with regard to chores and pocket money?</p> <p>Factual What language do we need to talk about problems and express opinions and ask for advice?</p> <p>💡 Connections</p> <p>🌐 Fairness and development</p>	<p><b>10 My Town</b></p> <p>② Language plays an important role in conveying cultural conventions through celebrations and events.</p> <p>Conceptual How do people connect with each other through activities?</p> <p>Debatable How can different activities reflect cultural celebrations?</p> <p>Factual What language do you need to talk about daily activities in town?</p> <p>💡 Connections</p> <p>🌐 Personal and cultural expression</p>	<p><b>10 Kō au tēnei - this is me!</b></p> <p>② When we know about ourselves, we can communicate meaningfully with others and share our identity.</p> <p>Conceptual How do I share important information about who I am, where I come from, and where I belong?</p> <p>Debatable How are we connected and is this important?</p> <p>Factual What language do I need to communicate information about myself?</p> <p>💡 Communication</p> <p>🌐 Identity</p>
<p><b>10 Director's Choices - Film language oral and essay</b></p> <p>② Directors use film techniques to communicate certain ideas and messages through characters to their audiences to position them to respond in a particular way.</p> <p>Conceptual How are audiences influenced by film techniques?</p> <p>Debatable Does the viewer need to be able to relate to a character in order to appreciate a director's intentions in communicating an idea or message?</p>	<p><b>11 Term 2 School and extra-curricular life (Phases 2 &amp; 3)</b></p> <p>② By sharing a common purpose, and making similar choices, we can connect with people from different contexts and develop our sense of who we are as individuals.</p> <p>Conceptual How do contexts, audience and purpose affect the way we speak or write?</p> <p>Debatable Would you value an education system the same way that the people from the target culture do</p>	<p><b>9 Holidays - past, present and future</b></p> <p>② We can communicate about past and future experiences in time, space and place by using appropriate language conventions.</p> <p>Conceptual What can we learn from exploring other places and interacting with others in another language?</p> <p>Debatable Does knowing a second language</p>	<p><b>11 My friend's birthday party</b></p> <p>② Leisure activities allow individual creativity for personal and cultural expression.</p> <p>Conceptual How do people connect with each other through celebration and events?</p> <p>Debatable How can different celebrational contexts reflect cultural celebrations?</p> <p>Factual What is the birthday celebration involved?</p> <p>💡 Culture</p> <p>🌐 Identities and relationships</p>	<p><b>10 Tangata Rongonui/ Tuahangata-Famous People/ Super Heroes</b></p> <p>② Perspectives shape how we communicate stories about famous people and how their identities influence culture.</p> <p>Conceptual Conceptual: o He pēhea te pānga o te tuakiri ki te rongonuitanga? o He aha ngā pūmanawa, ngā uara rānei e kaingākautia ana? •</p> <p>Debatable Debatable: o Ka whānau mai te rongonui, ka hangaia rānei? o Me whai kawenga motuhake rānei ngā tāngata rongonui?</p>

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<p>Factual How are film techniques used to create meaning?</p> <p> Form  Identities and relationships</p> <p><b>11 Shakespeare Under the Microscope</b></p> <p>② Writers through the ages explore relationships by using language to comment on the human condition.</p> <p>Conceptual What ideas are communicated? Debatable Do the ideas communicated reflect the views and values of a 21st Century audience? Factual How are the ideas communicated?</p> <p> Connections  Identities and relationships</p> <p><b>8 Next Goal Wins</b></p> <p>② Through the exploration of movement and sports, students will understand how different perspectives and effective communication can be purposefully crafted to create impactful and engaging films.</p> <p>Conceptual How can movement be used to convey different perspectives in a sports film? In what ways does the purpose of a film influence its craft and communication style? How do filmmakers use various techniques to engage the</p>	<p>if you were living in the target country?</p> <p>Factual What is your school and extra-curricular life like?</p> <p> Connections  Identities and relationships</p> <p><b>9 Term 3 Land, People and Travel (Phases 2 &amp; 3)</b></p> <p>② Traveling allows us to better understand people who live in other countries and make connections to others through experiencing the context of their lives.</p> <p>Conceptual How could travelling experience influence and shape our values? How do we act when travelling in a different country? Debatable Does the benefits of travelling always outweigh the disadvantages? Factual What are the most popular places to visit in China?</p> <p> Creativity  Orientation in space and time</p> <p><b>8 Term 4 Health, Leisure and Culture (Phases 2 &amp; 3)</b></p> <p>② Leisure activities allow individuals to make development and have purpose to enhance physical and emotional wellbeing.</p> <p>Conceptual How can having a leisure activity improve your personal wellbeing?</p>	<p>enhance your travel experiences?</p> <p>Factual What language do I need to give information about actions in the past and future?</p> <p> Time, place and space  Orientation in space and time</p> <p><b>9 L'environnement</b></p> <p>② Language plays an important role in working collaboratively to promote sustainable solutions for global issues.</p> <p>Conceptual How do individual actions impact environmental sustainability? Debatable Why do we continue to ignore climate change in our daily lives? Factual What solutions to environmental issues are already being promoted in our school? City? Country?</p> <p> Connections  Globalization and sustainability</p> <p><b>9 Le monde francophone</b></p> <p>② We can describe a new culture to our audience in a creative and colourful way to enhance the message we want to share.</p> <p>Conceptual How does the indigenous culture interact with the French language and culture brought by colonists? Debatable Who benefits from colonisation? Factual Why is French spoken in</p>	<p><b>9 Travel</b></p> <p>② Language can be used to convey characteristics of family members.</p> <p>Conceptual What do you need to do your job? Debatable What do you get out of your job? Factual What kind of work do you have and what do you want to do?</p> <p> Communication  Communities  Culture  Global Interactions  Identity  Identities and relationships</p> <p><b>8 Shopping and Eating Out</b></p> <p>② Language is used in cultural contexts for specific purposes.</p> <p>Conceptual How do people interact in shopping situations? Debatable How can language used for shopping reflect conventional attitudes and identity? Factual What terminology to use when shopping?</p> <p> Culture  Personal and cultural expression</p>	<p>Factual He aha te tikanga o te kupu tangata rongonui?</p> <p> Connections  Identities and relationships</p> <p><b>11 Mahimaina - Minecraft</b></p> <p>② Using Minecraft as a creative and collaborative tool helps us explore how digital worlds reflect real-world values, problem-solving skills, cultural identity, and teamwork.</p> <p>Conceptual - He pēhea te whakamahi a Minecraft hei waihangā taiao e whakaatu ana i te ao tūturu? - He aha ngā mātāpono hoahoa ka whai hua i te hanga whare, taone rānei i roto i Minecraft? - He pēhea te whakaatu a Minecraft i te pūnaha rauemi me te oranga tonutanga?</p> <p>Debatable - He tika kia whakamahia ngā kēmu pērā i Minecraft hei taputapu whakaako i ngā kura? He aha ai, he aha rānei? - He pā ake te ako ā-roro (digital learning) i te ako ā-ringa mō te auahatanga? - Me pēhea te whakatau mēnā he mea "whaihua" ngā mahi hanga ipur Factual - He aha ngā taputapu matua i roto i Minecraft, ā, he aha ā rātou mahi? - He pēhea te kohikohi rawa, te hanga taonga, me te waihangā whare i Minecraft? - He aha te rerekētanga o ngā aratau kēmu pērā i te Survival me te Creative? - He aha ngā momo poraka m</p> <p> Culture</p>

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<p>audience and convey a message through sports films?</p> <p>Debatable</p> <p>To what extent does the perspective of the filmmaker influence the audience's understanding of a sports event?</p> <p>Can a sports film be impactful without advanced filming techniques? Why or why not?</p> <p>Is it more important for a sports film to entertain or to accurately represent the sport? Discuss.</p> <p>Factual</p> <p>What are the key technical elements of effective communication in film?</p> <p>How do different camera angles and movements affect the portrayal of sports in films?</p> <p>What are the basic techniques used in filming sports activities?</p> <p> Communication</p> <p> Personal and cultural expression</p> <p><b>8 Creativity in feminist poetry</b></p> <p> Writers communicate their purposes through style and choice of language in order to reflect their own culture, views and values.</p> <p>Conceptual</p> <p>How does understanding of a culture help us understand a poet's perspective?</p> <p>Debatable</p> <p>Can audiences gain insight into other cultures and people's experiences through poetry?</p> <p>Factual</p> <p>What are the writers' stylistic and language choices?</p> <p> Creativity</p>	<p>Debatable</p> <p>What do activities and pastimes reveal about a culture?</p> <p>Factual</p> <p>What leisure activities are popular among secondary school students?</p> <p> Development</p> <p> Fairness and development</p>	<p>countries other than France?</p> <p> Creativity</p> <p> Personal and cultural expression</p>		<p><b>9 Te Huarere - the weather</b></p> <p> Understanding the weather forecast will help us better prepare for the day or week.</p> <p>Conceptual</p> <p>Where do the Māori place names originate from?</p> <p>Debatable</p> <p>According to Māori legends, Mauī slowed down the sun</p> <p>Factual</p> <p>Why is it often windy in Wellington?</p> <p> Communication</p> <p> Time, place and space</p> <p><b>9 Te Reo o ngā Rangatahi- Youth Slang</b></p> <p> Language evolves to reflect the identities, experiences, and creativity of young people, shaping how they communicate, build relationships, and express their place in the world.</p> <p>Conceptual</p> <ul style="list-style-type: none"> <li>- He pēhea te whakaatu o te reo o ngā rangatahi i tō rātou tuakiri?</li> <li>- He aha ngā take e tere whakarerekē ai te reo e whakamahia ana e te rangatahi?</li> <li>- He pēhea te pānga o te pāpāho pāpori ki te reo o ngā rangatahi?</li> <li>- He aha te hononga o te reo rangatahi ki</li> </ul> <p>Debatable</p> <ul style="list-style-type: none"> <li>- Me whakauru te reo o ngā rangatahi ki ngā kaupapa ako o te kura? He aha ai, he aha rānei?</li> <li>- He mea whakaiti i te kounga o te reo Māori te whakamahi i te reo rangatahi, he whakawhanake rānei?</li> <li>- Me pēhea te tautoko i te auahatanga o te rangatahi me te</li> </ul>

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<p>  Personal and cultural expression</p> <p><b>8 Female tradition as female innovation</b></p> <p> Exploring the use of language, symbols, and images to produce a universally understood perspective.</p> <p>Conceptual Which poetic techniques best show ideas about feminism and culture?</p> <p>Debatable Why is it important to challenge literary criticism?</p> <p>Factual What poets use ideas about feminism in their poems?</p> <p>What techniques are used in protest and political poems?</p> <p>  Perspective</p> <p>  Orientation in space and time</p>				<p>tia Factual - He aha te tikanga o te kupu “reo o ngā rangatahi”? - He aha ētahi kupu, kiwaha, rānei e whakamahia whānuitia ana e ngā rangatahi i ēnei rā? - He pēhea te hanga kupu hōu e te rangatahi? - He aha ngā rerekētanga o te reo o ngā rangatahi ki te reo o te whā</p> <p>  Communication   Connections</p> <p>   Identities and relationships   Personal and cultural expression</p> <p><b>8 Aku Mahi Pārekareka/ My favourite things to do</b></p> <p> The activities we enjoy help shape our identity, influence our wellbeing, and reflect the cultural, social, and personal values that are important to us.</p> <p>Conceptual - He pēhea te whakaatu o āu mahi pai i tō tuakiri? - He aha te hononga o ngā mahi whakangahau ki te hauora hinengaro me te haurora tinana? - He pēhea te rerekētanga o ngā mahi pai i waenga i ngā ahurea? - He aha ngā āhuatanga e whakaaweawe ana i ngā mahi p</p> <p>Debatable - He nui rawa te wā e whakapaua ana e te rangatahi ki ngā mahi ipurangi? He aha ai, he aha rānei?</p> <p>- Me akiaki ngā kura kia nui ake te wā mō ngā mahi auaha me te whakangahau? - He mea whaihua rānei ngā mahi whakangahau katoa, he moumou wā ētahi? - He tika</p> <p>Factual - He aha āu mahi pai ki te mahi? -</p>

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				<p>He aha ngā kupu e pā ana ki ngā ngohe (e.g., purei hākinakina, pānui pukapuka, whakarongo puoro)? - He pēhea te whakamahi i ngā rerenga kōrero hei whakaahuia i āu mahi o ia rā? - He aha te rerekētanga o ngā kupu e tohu an</p> <p> Connections</p>

56 weeks

38 weeks

38 weeks

38 weeks

57 weeks

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Language Acquisition Spanish	Individuals and Societies Business Management	Individuals and Societies Integrated Humanities	Individuals and Societies Sociology/Anthropology	Sciences Sciences
<p><b>10</b> <b>¿Qué hacemos? - Going out</b></p> <p>② Our communicative purpose and our audience guide us in using appropriate conventions for different situations when we make arrangements to meet up.</p> <p>Conceptual How does where we are going affect our preparations? How do we decide where to go? Debatable Are the excuses we make for not meeting up always valid? Does the preparations we make affect the quality of our outing? Factual What language do I need to make arrangements to meet? How do I make excuses? How do I indicate where we will meet? How do I describe my preparations for going out?</p> <p> Connections</p> <p><b>11</b> <b>De viaje - travel</b></p>	<p><b>10</b> <b>Internal features of a small business</b></p> <p>② Innovation and Entrepreneurship could improve business performance.</p> <p>Conceptual What are some common internal features of a small business? Debatable To what extent innovation and entrepreneurship could improve business performance? Factual Will entrepreneurial activity raises the productivity of firms and economies?</p> <p> Systems</p> <p> Identities and relationships</p> <p> Globalization and sustainability</p> <p><b>10</b> <b>Business activity</b></p> <p>② The success and failure of a business is based on product</p>	<p><b>10</b> <b>Contested Places and Spaces</b></p> <p>② Places are significant to different people and this often causes conflict.</p> <p>Conceptual How have different attitudes to place caused conflict or protest? Debatable Who decides who should 'own' certain places? Is the role of peaceful negotiation effective in deciding who owns places/countries/cultures? Factual What determines the borders of a country? Where are some contested places and spaces?</p> <p> Time, place and space</p> <p> Orientation in space and time</p> <p><b>11</b> <b>We've Got Issues</b></p> <p>② Patterns and trends of human impacts on the environment reflect issues of disparity and</p>	<p><b>10</b> <b>N/A</b></p> <p><b>20</b> <b>Dharmic Religions</b></p> <p>② Beliefs about identity and relationships develop and change.</p> <p>Conceptual How and why do beliefs about identities and relationships change? Debatable Is change in beliefs about identities and relationships a positive or a negative thing? Factual What form do beliefs about identities and relationships take?</p> <p> Change</p> <p> Identities and relationships</p> <p><b>18</b> <b>Religious Expression Through Visual Art</b></p> <p>② Humans express their systems of</p>	<p><b>10</b> <b>Science Matters</b></p> <p>② Models can show the changes that occur when chemicals interact.</p> <p>Conceptual How does the structure of a chemical relate to its properties Debatable Can we predict the outcome of all chemical reactions? Factual What properties of an acid make it different from a base?</p> <p> Change</p> <p> Scientific and technical innovation</p> <p><b>6</b> <b>Microbes</b></p> <p>② Relationships between microbes and their environment play a vital function in global sustainability which includes the human impact on the environment, natural resources and public goods.</p>

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<p>② Contact with other cultures increases our understanding of the world and our own culture</p> <p>Conceptual How does travel help us learn from other cultures? How do our requirements for a summer location differ?</p> <p>Debatable What makes a good holiday destination? Does travel really make us citizens of the world?</p> <p>Factual What information can I communicate about travel plans and preferences? What activities can I do in different tourist destinations?</p> <p>② Communication Culture</p> <p><b>9 Mi vida, tu vida</b></p> <p>② We communicate with different purposes, taking into consideration the different audiences we are addressing and interpreting what we read and hear in a critical manner.</p> <p>Conceptual What role does modern technology have in communication?</p> <p>Debatable Are reviews helpful when deciding what to see?</p> <p>Factual What do I need to do to keep myself informed?</p> <p>How do the lives of young people differ in Spanish speaking countries?</p> <p>② Communication</p>	<p>choice and market demand.</p> <p>Conceptual What is business activity?</p> <p>Debatable To what extent the success and failure of a business is based on product choice and market demand?</p> <p>Factual Why about 75% of consumer-packaged goods and retail products fail to earn even \$7.5 million during their first year?</p> <p>💡 Creativity 🌐 Scientific and technical innovation 🌐 Globalization and sustainability</p> <p><b>9 External factors influencing a small business</b></p> <p>② External factors could be the determining factors of business longevity.</p> <p>Conceptual Why 60% of all new start-ups fail within their first 18 months of operation?</p> <p>Debatable Do external factors actually determine the business longevity?</p> <p>Factual What are the external factors?</p> <p>💡 Change 🌐 Identities and relationships 🌐 Globalization and sustainability</p> <p><b>9 Sustainability and Consumer Law</b></p>	<p>equity in global interactions.</p> <p>Conceptual How do issues of disparity and equity create patterns/trends in global interactions?</p> <p>Debatable What is the most sustainable solution to our energy issues for both people and the environment?</p> <p>Factual What is the problem that we face with regard to how we provide energy for our needs?</p> <p>💡 Global Interactions 🌐 Scientific and technical innovation</p> <p><b>9 Rights and Responsibilities</b></p> <p>② Systems are in place to ensure rights are maintained</p> <p>Conceptual What is the most effective system of government?</p> <p>Debatable Do responsibilities always come with rights?</p> <p>Factual What are human rights?</p> <p>What are the legal processes and government systems in New Zealand?</p> <p>💡 Systems 🌐 Fairness and development</p> <p><b>8 Changing Role of Women</b></p> <p>② Changes in identity and culture are brought about by innovations in political, economic and social ideologies</p> <p>Conceptual</p>	<p>belief symbolically according to where and when they live.</p> <p>Conceptual How are feelings, beliefs and values explored in creative expression?</p> <p>How does a group or individual's situation in time and place influence their creative expression of beliefs and values?</p> <p>Debatable Is creative expression a useful or successful means of conveying the meaning of philosophies and beliefs?</p> <p>Factual In what ways do systems of belief express their ideas visually in art? What form do these expressions take?</p> <p>What is the nature and purpose of creative expression?</p> <p>💡 Time, place and space 💡 Personal and cultural expression</p>	<p>Conceptual Why are some microbes beneficial whilst others are harmful?</p> <p>Debatable Should we use hand sanitiser everyday?</p> <p>Factual What do microbes need to grow and reproduce?</p> <p>💡 Relationships 🌐 Globalization and sustainability</p> <p><b>7 Forces</b></p> <p>② An understanding of changing the causes and consequences of movement can lead to new processes and solutions.</p> <p>Conceptual How can equations, diagrams and graphs be used to represent movement?</p> <p>Debatable Is it possible to design a vehicle with no air resistance?</p> <p>Factual What are the types and effects of forces?</p> <p>💡 Change 🌐 Scientific and technical innovation</p> <p><b>8 Plastics</b></p> <p>② Manipulating molecules leads to innovations in form and function with consequences for society and the environment</p> <p>Conceptual How do models of molecules help explain properties of polymers?</p> <p>Debatable</p>

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<p>  Identities and relationships</p> <p><b>9 Somos así - teenage life</b></p> <p>② We communicate our messages with different purposes, taking into consideration the different audiences with which we are connecting and interpreting what we read and hear in a critical manner.</p> <p>Conceptual How do our routines and preferences shape our experiences Debatable Are reviews helpful when deciding what to see? Factual What is a typical week? What films do you enjoy and how do you celebrate your birthday?</p> <p>  Communication   Connections</p> <p><b>8 Mis planes futuros - Future plans</b></p> <p>② We can connect with our future plans by exploring the language structures that we need to express future hopes and past experiences.</p> <p>Conceptual What will influence my decisions on future work options? Debatable Are future plans really necessary or useful? Factual What job would I like to do? What will my future be like?</p> <p>  Connections</p>	<p>② Operational efficiency moves a company to an entirely new level.</p> <p>Conceptual What are operational issues for small businesses? Debatable To what extent operational efficiency moves a company to an entirely new level? Factual Why focusing on operations at the wrong stage can be a costly mistake?</p> <p>  Development</p> <p>  Identities and relationships   Globalization and sustainability</p>	<p>How did the role of women change during the 20th Century? How have gender stereotypes changed over time and what does this mean for the role of women? Debatable Is feminism still relevant in the 21st Century? Factual What steps were taken for women to get the vote in New Zealand and England?</p> <p>  Change   Personal and cultural expression</p>		<p>Can plastics be used sustainably to advance society? Factual How are polymers formed?</p> <p>  Change   Globalization and sustainability</p> <p><b>7 Ecology</b></p> <p>② Through understanding patterns and the balance between ecological systems we can develop our understanding of human impact on the environment.</p> <p>Conceptual Can we predict how different ecosystems will react to change? Debatable Is it possible and appropriate to restore ecosystems to a prior state? Factual What patterns of distribution exist in nature?</p> <p>  Systems   Globalization and sustainability</p>
47 weeks	38 weeks	38 weeks	48 weeks	38 weeks

# Year 10 - IB Middle Years

Mathematics Standard Mathematics	Arts Music	Arts Theatre	Arts Visual Arts	Physical and Health Education Physical and Health Education
<p><b>11 Number and Problem Solving</b></p> <p>Using logic enhances our ability to justify how quantities can be changed when planning and costing events.</p> <p>Conceptual How can irrational numbers be useful with real life problems?</p> <p>Debatable How can a decimal never end and never recur?</p> <p>Can all mathematical problems be solved?</p> <p>Factual What are irrational numbers? What is the effect of rounding when dealing with money problems in context?</p> <p>Logic</p> <p>Identities and relationships</p>	<p><b>10 The Language of Music</b></p> <p>Symbols and conventions used to express musical meaning to audiences are influenced by time and space.</p> <p>Conceptual How do conventions and elements help me and others to express myself in music?</p> <p>Debatable Why have conventions and elements developed differently in different cultures?</p> <p>Factual What conventions and elements can be identified as specific to Western music?</p> <p>Communication Form Orientation in space and time</p>	<p><b>11 Drama Techniques</b></p> <p>The development of role to a point of realisation depends on a process of transformation that is driven by creative expression.</p> <p>Conceptual Is language or the way in which it is used more important in communication?</p> <p>Debatable What are the relevancies of this text in today's society?</p> <p>Factual What are Drama techniques, how are they used and what are they used for?</p> <p>Change Communication Personal and cultural expression</p>	<p><b>12 Ko Wai Au - Ceramic Mask</b></p> <p>Culture Identity Personal and cultural expression</p> <p><b>10 Meet the Heroes - Eric Carl inspired Collage</b></p> <p>The choice of role models reflects the characteristics that societies and individuals value.</p> <p>Conceptual How does this process shape my understanding of identity and cultural appreciation?</p> <p>Debatable Is collage an effective way to describe a person? Does it communicate identity, heritage, and values?</p> <p>Factual What are the attributes of role models?</p> <p>Identity Identities and relationships</p>	<p><b>8 Fitness - Trends</b></p> <p>People enhance their body systems by participating in current fitness trends in order to make lifestyle changes to enhance well being.</p> <p>Conceptual How do these trends encourage people to get more physically active?</p> <p>Debatable Is one fitness trend more effective than another when getting physically active?</p> <p>Factual What are the fitness trends that have occurred over time?</p> <p>Change Identities and relationships</p>
<p><b>9 Geometry and Measurement</b></p> <p>We can creatively solve problems of efficient use of human landscapes using patterns and measurement.</p> <p>Conceptual How can we be sure that measurement equations accurately calculate perimeter, area or volume?</p> <p>Debatable Have the different units of measurement been created arbitrarily, rather than discovered?</p> <p>Factual What are the basic formulae for the volumes of a prisms and the volumes of a pyramids?</p> <p>Time, place and space</p>	<p><b>8 Solo performance</b></p> <p>The process of preparing for and realising a performance can lead to self-discovery.</p> <p>Conceptual What is the best way to practice/ prepare for performance?</p> <p>Debatable How well have I communicated the composer's and my musical intentions?</p> <p>Factual Which musical skills can I improve?</p> <p>Communication Personal and cultural expression</p>	<p><b>8 Set Design</b></p> <p>A process of constant change is needed to construct a dynamic narrative for performance</p> <p>Conceptual How can we show rather than tell a story</p> <p>Debatable Is the use of our bodies as the primary means of telling a story to an audience as effective as the use of dialogue</p> <p>Factual What is the difference between the process of devising a narrative and the process of scripting a narrative</p> <p>Change</p>	<p><b>12 The Authentic Me - Painted Self Portrait</b></p> <p>The expression of self identity can be represented in many ways and may include both representational and abstract/ expressive approaches.</p> <p>Conceptual How can stylistic conventions be used to convey an artist's personal expression of self?</p> <p>Debatable Can the stylistic qualities of a work of art influence an audience's perception of the</p>	<p><b>6 Challenging Stereotypes</b></p> <p>Gender stereotypes within society impact the physical activity we participate in, and therefore our wellbeing.</p> <p>Conceptual How have gender stereotypes changed over time, and what does this mean for the role of women?</p> <p>Debatable Who is responsible for changing the stereotypes within society?</p> <p>Factual What is a stereotype?</p> <p>Change Fairness and development</p> <p><b>5 Cheerleading</b></p>

# Year 10 - IB Middle Years

Mathematics Standard Mathematics	Arts Music	Arts Theatre	Arts Visual Arts	Physical and Health Education Physical and Health Education
<p>Orientation in space and time</p> <p><b>10 Algebra and Graphing</b></p> <p>Simple mathematical ideas can combine to produce intricate outcomes that are useful for modelling complex, real life systems.</p> <p>Conceptual What does it mean to have a quadratic relationship? Debatable Does mathematics describe the physical world, or does it just appear that way? Factual What do the turning points of a quadratic function represent? What are the different forms of quadratic functions?</p> <p> Relationships</p> <p> Scientific and technical innovation</p> <p><b>8 Probability and Statistics</b></p> <p>Using logic, we can investigate real-life data and justify the relationships seen between human activities and the impact on the environment.</p> <p>Conceptual Does correlation imply causality? Debatable Are there any ethical issues with making decisions that affect populations based on sample inferences? Factual What is correlation? What is sampling variability?</p> <p> Relationships</p>	<p>The guided process of musical creation can be innovative and lead to an expression of self.</p> <p>Conceptual How shall I compose a successful piece? Debatable Will my composition be a successful expression of my own creativity? Factual What shall I compose?</p> <p> Creativity</p> <p> Personal and cultural expression</p> <p><b>12 Planning and Presenting a class concert</b></p> <p>A well planned and effective performance engages the audience and invites a response.</p> <p>Conceptual How do I successfully collaborate and rehearse to communicate to an audience? Debatable Will the audience response indicate anything about the effectiveness of our piece? Factual What are our musical abilities as a group?</p> <p> Communication</p> <p> Personal and cultural expression</p>	<p>Personal and cultural expression</p> <p><b>9 Theatre form studies</b></p> <p>When conveying meaning to others our aesthetic choices are influenced by time and space.</p> <p>Conceptual What is the relationship between theatre and its social context? Debatable Does global citizenship mean that the creation of any new theatre form will be a hybrid rather than a culturally specific response? Factual What is the relationship between performance style, design elements and the purpose of a theatre form?</p> <p> Form</p> <p> Orientation in space and time</p> <p> Personal and cultural expression</p>	<p>artist? Factual What are the identifying features of representational and expressive/abstract portraiture?</p> <p> Identity</p> <p> Identities and relationships</p> <p><b>4 Passion Project</b></p> <p>Practicing Artists make work through the generation of their own inquiry and personal passion and skill.</p> <p>Conceptual What type of art am I attracted to. What do I think is Aesthetically pleasing?</p> <p> Creativity</p> <p> Personal and cultural expression</p>	<p>Students will inquire into the risks of Cheerleading and strategies to overcome these, as well as work together to improve interconnected, responsive movement patterns in relation to all elements of Cheerleading in order to plan and produce a safe routine.</p> <p>Conceptual What are strategies to overcome these risks? What would you need to consider when planning a performance for a targeted audience? Debatable Who should be responsible for implementing the strategies? How might you include the key elements of Cheerleading into a routine? Factual What are the key elements of Cheerleading? What are the risks in Cheerleading?</p> <p> Creativity</p> <p> Form</p> <p> Scientific and technical innovation</p> <p><b>8 Next Goal Wins</b></p> <p>Through the exploration of movement and sports, students will understand how different perspectives and effective communication can be purposefully crafted to create impactful and engaging films.</p> <p>Conceptual How can movement be used to convey different perspectives in a sports film?</p>

## Year 10 - IB Middle Years

Mathematics Standard Mathematics	Arts Music	Arts Theatre	Arts Visual Arts	Physical and Health Education Physical and Health Education
  <b>Identities and relationships</b>  <b>Globalization and sustainability</b>				<p>In what ways does the purpose of a film influence its craft and communication style?</p> <p>How do filmmakers use various techniques to engage the audience and convey a message through sports films?</p> <p>Debatable</p> <p>To what extent does the perspective of the filmmaker influence the audience's understanding of a sports event?</p> <p>Can a sports film be impactful without advanced filming techniques? Why or why not?</p> <p>Is it more important for a sports film to entertain or to accurately represent the sport? Discuss.</p> <p>Factual</p> <p>What are the key technical elements of effective communication in film?</p> <p>How do different camera angles and movements affect the portrayal of sports in films?</p> <p>What are the basic techniques used in filming sports activities?</p> <p>  <b>Communication</b></p> <p>  <b>Personal and cultural expression</b></p> <p><b>4 Volleyball</b></p> <p> Students will interact with each other to develop their volleyball skills of serving, digging, setting, spiking and blocking. Students will learn to apply force summation principles, in order to maximise the speed of the ball in a serve or spike.</p> <p>Conceptual Why is it important to use strategic placement when linking volleyball shots together in a game?</p>

## Year 10 - IB Middle Years

Mathematics Standard Mathematics	Arts Music	Arts Theatre	Arts Visual Arts	Physical and Health Education Physical and Health Education
				<p>How would we use interpersonal skills to better our own and our teams performance? Debatable Why do we want to mix up the amount of forces we produce during a volleyball game? Factual What are the fundamental skills of volleyball?</p> <p>  Communication   Identities and relationships</p> <p><b>9 Striking and Fielding</b></p> <p> Effective communication enables teams to develop and adapt strategies that enhance performance in striking and fielding games. Conceptual How does communication influence team strategy and coordination during gameplay? Debatable To what extent is effective communication more important than individual skill in determining team performance? Factual What batting/striking, fielding, and communication skills are used in striking and fielding games such as softball, cricket, and badminton?</p> <p>  Communication  Systems  Personal and cultural expression</p>

38 weeks

38 weeks

38 weeks

38 weeks

40 weeks

## Year 10 - IB Middle Years

Design Design	Design Digital Design	Design Product Design		
<p><b>19 Style Sudoku</b></p> <p>② Taking a carefully considered approach to our fashion focused consumer habits can effect a change for good and even small steps can contribute towards sustainability in global communities.</p> <p>Conceptual Why should I consider where and how my clothes are made? What difference does it make? Debatable Can 'fast fashion' ever be okay? Factual How do I add value to my wardrobe without spending a lot of money? How can I make a change for good?</p> <p> Communities  Globalization and sustainability  Fairness and development</p> <p><b>19 Fashion Statements</b></p> <p>② Designers adapt the form in which information is communicated in order to make it accessible to the end-user.</p> <p>Conceptual Why are t-shirts such a popular way to advertise? Debatable Can fashion be a suitable way to communicate a message? Factual How do I communicate a clear message to my intended audience?</p> <p> Communication</p>	<p><b>19 Web Design</b></p> <p>② Web designers incorporate up-to-date recognised design techniques and features to create a functioning website that meets the needs of a client and end-users.</p> <p>Conceptual What does an effective website look like? Debatable How well does the design meet the needs of the end-user? Factual What are the requirements of the client for their website?</p> <p>  Development   Personal and cultural expression</p> <p><b>19 Electronics</b></p> <p>② Technology can be applied creatively to address real world issues around sustainability.</p> <p>Conceptual What is the IOT and how might it positively impact on people's lives? Debatable What makes one digital product of more value than another? Factual What are the UN Sustainable Development Goals? How are the UN Sustainable Development Goals implemented?</p> <p>  Development   Scientific and technical innovation</p>	<p><b>19 Voices of the Land: Designing a Board Game for a Sustainable Future</b></p> <p>② Indigenous communities adapt their sustainable use of resources over time, demonstrating how traditional knowledge shapes relationships with the environment across different spaces and generations.</p> <p>Conceptual How can traditional ecological knowledge inform modern design solutions for environmental sustainability? Debatable How should Indigenous land management practices be integrated into contemporary environmental policies? Factual What are five different indigenous land practices, and how have Indigenous communities used them to work with the environment? What is the effectiveness of prescribed burns compared to modern fire management strategies? How has colonialism in the US made indigenous land practices difficult to sustain?</p> <p>  Systems   Orientation in space and time</p> <p><b>19 Biomimicry: When Architecture Imitates Nature</b></p> <p>② Nature can inspire sustainable innovation which effects the way we live in communities.</p> <p>Conceptual How can communities be</p>		

## Year 10 - IB Middle Years

Design Design	Design Digital Design	Design Product Design		
<p>  Identities and relationships</p> <p><b>6 Zip it up - Zipper Box Bags</b></p> <p>Using craft and technical skills we can design and create products for a purpose that also reflect the needs of the end-user.</p> <p>Conceptual What are their design preferences? Debatable How do I ensure the end-user will appreciate the product I make for them Factual What size does the box bag need to be?</p> <p>  Creativity  Form</p> <p>  Personal and cultural expression</p>	38 weeks	<p>connected by the use of biomimicry inspired architecture? How might implementing biomimicry in the design of a building make it more sustainable? Debatable How does architecture effect the way we live? Factual What design examples of biomimicry exist? What is biomimicry and how can designers use it?</p> <p>  Communities   Scientific and technical innovation</p>	38 weeks	