



Grade 7: Subject Overview

2018-2019

Subject Overview - Combind Arts

Unit title	Key concept	Related concepts	Global context	Statement of inquiry	Objectives/strands/Assessment criteria	ATL skills/skill indicators	Content (topics, knowledge, skills)
Art							
Un-Mask Your Story	Identity	Narrative, Culture	Personal and cultural expression	Our cultural identity and stories we have to tell are defined by our shared beliefs.	A: Knowing and Understanding B: Developing Skills C: Thinking Creatively D: Responding	Communication Skills, Self-management skills, Research Skills and Thinking Skills	Study of cultural artefacts, including masks, study of roles of masks in various cultures, defining a culture and identity; masks making - variety of media and techniques selected by students, using tutorials for learning a new skill/technique in art. In the future, this stays in MYP 2, replacing this year's Art for All, which was done with this group last year in MYP1.
Art for All	Communication	Audience, Innovation	Scientific and technical Innovation	Artists appeal to a variety of audiences with their creativity and use of innovations.	A, B, C and D	Research skills, Communication Skills	Pop Art & Durer's printing), Commercial/Consumer Art, Popularisation of art, impact of technology on art
What Makes Art?	Aesthetics	Composition, Expression	Personal and cultural expression	Artists use certain aesthetic elements to create compositions that express their ideas.	A, B, C and D	Organisational skills, Thinking Skills	Elements of Art and Principles of Composition, Role of composition in interior decoration
Music							
Winter concert: Script and melody	Communication	Composition, Expression, Innovation, Narrative, Interpretation, Role, Presentation, Structure	Personal and cultural expression	To create a collaborative script and composing a melody we must be aware of and respectfull towards the expressions and ideas of one another.	B: Developing skills C: Thinking creatively D: Responding	Thinking skills, Social skills, Communication skills, Research skills	The script is being created from the content of the corresponding PYP units. It requires a minimum of text for five chapters and six songs in which makes a logic, complete narrative. Composing the melody of the finale requires a daring and exploring attitude. The process is being recorded in the process journal.
Winter concert rehearsal and preparations	Aesthetics	Audience, Boundaries, Expression, Interpretation, Presentation, Role, Structure.	Identities and relationships	To interpret and rehearse a script and songs we must experience how the details form a broader perspective.	A: Knowing and understanding B: Developing skills C: Thinking creatively D: Responding	Thinking skills, Social skills, Communication skills, Self-management skills	Several ideas are open for discussion, effectively tested and developed throughout the creatiec process. Reflections will be recorded in the process journal after the concert.

Digital desing

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Cover Design	Communication	Form, Invention.	Personal and cultural expression - Artistry, craft, creation, beauty	When designing cover art, considering the formal requirements of the genre and the expectations of the target audience are equally important.	A: Inquiring and analysing, B: Developing ideas, C: Creating the solution, D: Evaluating	I. Communication skills, III. Organization skills	Students will learn about: - the function of cover art (book, cd/dvd, etc.) - how the genre defines the specifications of a book cover - how to meet the expectations of the target audience with our design and bring something new to the market at the same time which awakens interest - Working with raster images - Working with layers - Creating selections - Working with Bezier curves - Masking - Cropping - Colour correction - Image filters - Working with channels - Working with text
Interactive Fiction	Development	Adaptation, Innovation, Markets and trends, Evaluation.	Scientific and technical innovation - Adaptation, ingenuity and progress	Developing a non-linear story provides opportunities for personal expression, however, we must also consider how our target audience is going to receive our product.	A: Inquiring and analysing, B: Developing ideas, C: Creating the solution, D: Evaluating	VI. Information literacy skills, VII. Media literacy skills, IX. Creative thinking skills	Students will learn - what non-linear stories are - what flowcharts are and how to create flowcharts - how to mark flowline, terminal, process, decision, annotation correctly - how to plan a non-linear story with the help of flowcharts (draw.io) - what are storyboards - visual planning with storyboards - the workspace in MS PowerPoint - transitions - animations - working with text in MS PPT - creating and applying themes to slides - how to create a controlled slideshow - how to add actions to text and objects (e.g. to create links) - how to lay out a non-linear story (text and images) - how to use appropriate animations and transitions and where to use them in the case of a non-linear story - conduct a survey to determine the need of the target audience to be able to complete A1

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Origins of Government	Systems	Power	Fairness and Development	The governance of societies is organized by different systems that are used to distribute power, affecting fairness and development.	A: Knowing and understanding B: Investigating, C: Communicating, D: Thinking Critically	SocialPractise empathyMake fair and equitable decisionsGive and receive meaningful feedback	Different forms of democracy: direct, indirect, republicExplore other forms of government: oligarchy, monarchy, totalitarianism, History of early Greeks and the context for democracy. History of Alexander the Great and the spread of Greek ideasCauses and consequences of Roman collapse, Identify various forms of governance Understand how a democracy functions Explore the contexts in which early government was formed. Socratic seminar.
Sustainability and settlements	Time, place and space	Innovation and revolution.	Orientation in space and time	History provides us with ways to understand and organize the past.	B: Investigating, C: Communicating, (D: Thinking Critically Current Events)	Communication skillsThrough language: write for different purposesOrganise and depict information logically	Identify the different types of settlement and the settlement hierarchyUnderstand how settlements change over time (using case studies)Explore urban growth and how cities can become more sustainable
Religion	Systems	Identity and belief	Personal and cultural expression	Belief systems provide guidance to people in different ways and can shape personal identity and culture.	B: Investigating, C: Communicating, D: Thinking Critically	Organization skillsMeet deadlinesKeep an organized and logical system of information files/notebooksUse study guidesThinking skillsCreative thinkingCritical thinkingCommunication skillsThrough language: write for different purposesOrganise and depict information logically	Identify key aspects of a quality essay response (thesis statement, support, conclusion, intro) various forms of governance Understand how religion is important to societyIdentify the key features, figures and beliefs of the major world religions. Comparative Essay.
Development	Global Interactions	Resources, Equality	Fairness and Development	Access to resources and equality of opportunities can help societies to develop to become fairer places but this is often dependent on global interactions.	B: Investigating, C: Communicating, D: Thinking Critically	Communication skillsThrough language: write for different purposesOrganise and depict information logically	Identify key aspects development and aid, Examine the Human Development Index, Explore factors that contribute to the development of a country,Possible extension for community action,Describe poverty, Fundraising proposal

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Is Tradition Worth Preserving?	Culture	Voice, argument	Fairness and development	To promote fairness and development, the place of some traditions in modern world should be negotiated within and across cultures.	A,B, C and D	Thinking Skills, Collaboration Skills, Communication Skills, Research Skills	review of traditions from a variety of cultures (definitions, roles, meanings); harmful traditions and the purpose behind them, strategies to give voice to all (protest, persuasion)
Love Matters	Creativity	Audience, point of view	Personal and cultural expression	Poetry and songs are forms of creative expression that reflect personal experiences and feelings.	A, B, C and D	Communication Skills, Reflective Skills	Love matters and the role of relationships in teenage life; poetry and song lyrics
Stylish Essays	Communication	Function, context	Scientific and technical innovation	Understanding the function of essays and methods used in essay-writing enhances communication in academic contexts.	C and D	Communication Skills, Thinking Skills, Research Skills	FOCUS on: CONTENT: -writing process (mind maps, brainstorming strategies - Ranking Diamond, planning - essay template -logical sequence and development of ideas - effective introduction strategies/methods STRUCTURE and LANGUAGE - revision of SEAL paragraph structure (State your point, Explain/evidence/examples, Analysis, Link) - cohesive devices (expanding a range and variety) - academic features: Passive Voice, precision, factual and objective tone, language of caution - in-text citations (MLA format)
Eat to Live or Live to Eat?	Culture	Context, message	Orientation in space and time	Choices we make about what and how we eat are influenced by our culture and the context in which we live.	A, B, C and D	Creative Thinking Skills, Affective Skills, Communication Skills	production of food (organic, eco-friendly production), attitudes to food, the ways in which food is eaten and enjoyed around the world, awareness of the issues regarding food (hunger, eating disorders)
Resilience	Change	Context, empathy	Identities and relationships	Resilience helps people see beyond their immediate circumstances, learn from adversity and,	A and/or B, C and D (oral)	IV. Affective skills; Communication Skills (presentation skills)	Stories of adversity and resilience. Presentation skills.

				as a result, enables them to live more fulfilled lives.			
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Language acquisition - German

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Superdeutsch 1	Communication	Conventions, Patterns	Personal and cultural expression	The German language is a system of patterns and rules we can apply in order to	B: Comprehending written and visual text. C: Communicating in response to written and visual text D: Using language	Thinking skills, Communication skills, Organising skills	Students will learn how to write longer German sentences, and focusing on the grammatical case systems in addition to past tense sentences. Students will read small texts and try to identify mistakes as well as rules in the texts and correct them.
Deutsche Nachrichten	Connections	Message, Audience	Orientation in space and time	In order to orientate in a culture, it is important to understand what's going on around you. This means that you have to be a good communicator, both in comprehension and expressions.	B: Comprehending written and visual text. C: Communicating in response to written and visual text D: Using language	Communication skills, Organisation skills	Students will be provided with simplified news stories from authentic German newspapers and working through these with the goal of making them into a radio news show. Students will revisit pronunciation and have to apply the writing structures learnt in unit one to make a good script for their Radio show.
Wetterberichten und deren Sprache	Systems	Audience	Scientific and technical innovation	The language used in weather forecasts follows a specific pattern, and uses words and facts I already know.	A: Comprehending oral and visual text. C: Communicating in response to Spoken and/or Written and/or visual language, D: Using language	Communication skills, Thinking skills	Students will learn words and structures for understanding and talking about the weather, including binding it to time, space and seeing regional differences in how weather is referred to in Austria, Switzerland and Germany
Holidays and travels in the German speaking area	Culture	Structure, meaning	Orientation in space and time	The holiday traditions of an area reflect an aspect of their culture and history	A: Comprehending oral and visual text. C: Communicating in response to Spoken and/or Written and/or visual language, D: Using language	Research skills, communication skills	Students will research in German holiday programmes and television commercials to see where Germans like to go on holidays. Why is that? We will look into cultural and historical bonds, as well as practice past tense in whole sentences.

Language and literature - Norwegian

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Politics and Rhetorics	Communication	Audience imperatives, Purpose.	Fairness and development	The language used by politicians vary depending on audience, media and what they want to pursue.	A: Analysing, C: Producing text	I. Communication skills, II. Collaboration skills, VIII. Critical thinking skills	How does politicians talk and why. How do we persuade people into agreeing with us? Reading core documents from political parties, and making slogans and electoral posters using our acquired knowledge of rhetorics.
Living and communicating in a globalised world.	Communication	Context, Structure, Style.	Globalization and sustainability	It is important to ensure our integrity as communicators. By basing our texts on facts, and using sources and formatting, as well as a good written language, we can build and ensure this integrity.	A: Analysing, B: Organising D: Using Language	I. Communication skills	Focusing on using MLA in our writing. , Writing in a written language style. , Structure your own work using guiding questions and tools.
Poetry behind the rhetorical curtains	Communication	Audience imperatives, Genres, Purpose, Structure.	Personal and cultural expression	A poem is a rich piece of literature which can be interpreted differently by different readers. It takes knowledge about rhetorical structures, as well as metric figures, to interpret the full meaning behind a poem.	A: Analysing, B: Organising, C: Producing Text	I. Communication skills, IX. Creative thinking skills	Employment of rhetorical figures of speech and how they influence your text. Names and functions of different tropes, such as: 1. metaphors 2. similes 3. litotes 4. meiose 5. Hyperbol 6. Anthropomorphism 7. Prospopeia 8. Euphemism Structuring system for poetry analysis. 1. Introduction 2. Metrics 3. Stanza by stanza a. Stanzas b. Refrains 4. Summary Investigating how different figures of speech influences the way we communicate, both in daily life and in poetry.
Advertisements and Commercials	Creativity	Audience imperatives, Purpose, Setting.	Globalization and sustainability	Creative commercials and advertisements reach their purpose, to impact audience and make a commercial setting where the audience see needs for commercialisation and consumption.	C: Producing Text, D: Using Language	I. Communication skills, II. Collaboration skills, III. Organization skills, VIII. Critical thinking skills	The importance of creative communication in marketing and advertisements. How can one portray an object in different ways depending on our intention.

Mathematics

Unit title	Key concept	Related concepts	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	ATL skills/skill indicators	Content (topics, knowledge, skills)
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Numbers, comparing and changing (Year 2)	Form	Representation, Change	Identities and Relationships	A number can be formed into different representations that have equal value	A,,C,D	Communication	Please see Math skill map.
Measurement (Year 2)	Form	Measurement and space	Identities and Relationships	Attributes of an object can be represented using metric and other standard measures	A,B,C,D	Critical thinking, Organization	Please see Math skill map.
Pattern and Modeling (Year 2)	Logic	Change, Pattern	Fairness and Development	A logical process is needed to see patterns around us	A,B,C,D	Critical thinking, Organization	Please see Math skill map.
Data Around us	Relationships	Generalization	Globalization and Sustainability	Statistics helps us to present global data/relationships in simpler way	A,B,C,D	Critical Thinking, Organization, reflection	Please see Math skill map.
Introduction to Algebra (Year 2)	Logic	Pattern, Generalization	Identities and Relationships	A logical process is needed to see patterns around us	A,B,C,D	Critical Thinking, Organization, reflection	Please see Math skill map.
Shape-Mania (year 2)	Form	Measurement, Quantity	Identities and Relationships	Geometry makes up our world	A,B,C,D	Creative Thinking	Please see Math skill map.

Physical and health education

Unit title	Key concept	Related concepts	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	ATL skills/skill indicators	Content (topics, knowledge, skills)
How to design a golf course	Change	Adaptation, Refinement.	Personal and cultural expression	Skills and strategies for one sport can be applied to success in other sports. Revised featuring key concepts: "A craft may be refined and change as adaptation in performance occurs"	A: Knowing and understanding, B: Planning for performance, C: Applying and performing, D: Reflecting and improving performance	I. Communication skills	Throwing the frisbee, catching the frisbee, rules of the game, working with teammates, fair play, defensive positioning, offensive strategies, golf terminology, putting, chipping, driving, know the types of clubs and woods,
Tchoukball vs. Handballs	Connections	Movement.	Identities and relationships	Skills from one sport can be transferred to another sport as a way to improve performance.	B: Planning for performance, C: Applying and performing, D: Reflecting and improving performance	I. Communication skills, III. Organization skills, IV. Affective skills, V. Reflection skills, VI. Information literacy	Throwing on goal, rules of the game, catching, working with teammates, fair play, defensive positioning, offensive strategies, shooting for accuracy,

						skills, VII. Media literacy skills	
Cardio Dance	Aesthetics, Creativity	Movement.	Orientation in space and time	Cardio dance can be used as an effective method for staying fit and raising the heart rate	A: Knowing and understanding, B: Planning for performance, C: Applying and performing, D: Reflecting and improving performance	Research skills, Communication skills	Resting heart rate, measuring pulse, BMI, dynamic and static stretching, movement techniques, shadow dancing, choreography, High intensity training (HIT), Les Mills Cardio Dance,
Personal Health and Fitness	change	function, systems	Identities and relationships	Personal fitness can change with a commitment to monitoring and recording standards	A: Knowing and understanding, B: Planning for performance, C: Applying and performing, D: Reflecting and improving performance	Self-management skills	Fitness challenges, cross-fit competitions, resting hear rate, BMI, nutrition, mindfulness
Sciences							
1: Who are we?	Relationships	Evidence, Patterns.	Identities and relationships	The relationships between genes and inherited characteristics provide patterns that can be used as evidence for decision making.	A: Knowing and understanding, D: Reflecting on the impacts of science	Research (ICT), Critical thinking, Creative thinking, Reflection	Characteristics Where in the cell? (Nucleus- revisit cell) DNA extraction Sexual and asexual reproduction Why is your DNA unique? (sexual reproduction halves the chromosome number; fertilization results in unique combinations) Mitosis = the division that conserves DNA Meiosis = the division that halves the DNA Punnet squares Dominant & recessive traits. How does genetic profiling affect (case study of your choice)
2. How do we classify matter?	Change	Balance, consequences	Orientation in Space and Time	The consequences of chemical change are in the arrangement, not, in the balance of atoms in the substances used and formed.	A: Knowing and understanding, B/C (measuring the attraction between molecules)	I. Communication skills, III. Organization skills, VIII. Critical thinking skills	Classifying properties , Symbols of the elements Symbols for molecules , Simple work equations to represent chemical change , Comparing metal reactivates Acids and bases , Literacy exercise - pollution
3. How does our planet work?	Systems	Models, Patterns.	Scientific and technical innovation	Modelling interactions between Earth's systems allows us to understand patterns that we can use to secure and imprive human experience	A: Knowing and Understanding, D: Reflecting on the impacts of science	I. Communication skills, VIII. Critical thinking skills, IX. Creative thinking skills, X. Transfer skills	Weather Water cycles (Also in mesosphere unit, MYP 1) Matter cycles Earth's planetary systems – atmosphere, hydrosphere, biosphere, lithosphere Exploring the lithosphere: chocolate Earth and eggshell Earth Dynamic earth: evidence for tectonic plates – revisit convection (Unit 4)Plate tectonics (MYP 1 Unit 6) Types of rocks (igneous, metamorphic, sedimentary) and the rock cycle. The age of life of Earth

							(evidence from fossils) Exploring the atmosphere – building a hot air balloon (revisit particle nature of gases – Unit 2) Exploring the hydrosphere/biosphere: make a hay infusion, microscopy – revisit Units 3 and 5) Ocean currents (cover in heat transfer MYP 2 unit 2)
4: The science of Music (IDU in 2018-2019)	Change	Sciences: Function, Transformation. Arts: Composition, Expression.	Personal and cultural expression	Musical function can be changed through personal expression, in which compositions are transformed by the quality of sound.	.interdisciplinary A: Disciplinary grounding, B: Synthesizing, C: Communicating, D: Reflecting; Sciences: D: Reflecting on the impacts of science; Arts: A: Knowing and understanding, B: Developing skills, C: Thinking creatively, D: Responding	I. Communication skills, II. Collaboration skills, VIII. Critical thinking skills, IX. Creative thinking skills, X. Transfer skills	SCIENCE Content (Based on MYP 2 Integrated Sciences Chapter 4: What does a wave tell us?) Different forms of waves Sound waves/ vibrations Wave characteristics; the relationship $f \text{ (Hz)} = \text{wave speed (m/s)} / \lambda \text{ (wavelength, m)}$ Refraction Reflection , MUSIC Make a pentatonic flute Practise embouchure and finger settings Play a round ACTION: Perform in an MYP assembly
5. Why do organisms behave the way they do?	Relationships	Interaction, Transformation.	Identities and relationships	Interactions in expression (behaviour) can transform relationships of individuals with their species.	B: Inquiring and designing, C: Processing and evaluating	I. Communication skills, III. Organization skills, V. Reflection skills	Innate and learnt behaviours - examples and patterns; Senses, community and environment; physical adaptations. Investigate effectiveness of different adaptations to cold. FAPs, Supernormal stimuli, Harnessing instincts to train animals.