Southern Christian College
IB MYP Whole-School Curriculum

Grade 7 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

10 Wonder - novel study

- Relationships
- Identities and relationships

Narratives can be used to powerfully explore multiple important themes at the same time.

The Bible is filled with Narrative - through Narrative we learn more about God and ourselves.

6 Poetry as Literary Art

- Creativity
- Personal and cultural expression

Understanding the structures and stylistic features of poetry can help us to gain a greater appreciation of the intent and impact of poetry.

Poetry in the Bible helps us understand more about God and His ways

7 An Introduction to Film Deconstruction

- Form
- Personal and cultural expression
- That film matters - and can be an

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6 Kenalkan, ini saya.

- Communication
- Identities and relationships
- Interpersonal communication often requires introductions.

7 Berkomunikasi

- Communication
- Personal and cultural expression

Good translation can mean choosing sentences that 'do the same job', even though the words have different meanings.

4 Keluarga Saya

- Connections
- Identities and relationships

Communicating about family can communicate identity.

10 Pendidikan

- Connections
- Identities and relationships

Connections and relationships can give us the context to decode messages.

5 Sedang Apa?

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10 History Skills and An Introduction to Ancient Civilisations

- Time, place and space
- Orientation in space and time

Understanding the past requires a variety of skills that allow us to appreciate what has gone before.

CHRISTIAN- History skills help us to understand God's relationship with humanity from creation to the present.

10 Water in the World

- Systems
- Globalization and sustainability

Access to limited resources can change the lives of people.

5 Ancient Rome

- Global interaction Time, place and space
- Orientation in space and time

What have been the legacies of Ancient Societies?

5 History - China

- Global interaction
- Globalization and

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10 Introduction to Science

- Shared between Sciences

4 Acids and Bases

- Relationships
- Scientific and technical innovation

Acids and Bases are classes of materials found around us, understanding them helps us manage our environment.

6 3. Mixtures & Separation

- Form
- Scientific and technical innovation

Scientific and technical innovation increases the availability and quantity of substances through a scientific understanding of form (physical and chemical properties).

5 Earth, Sun and Moon

4 Introduction to Science

- Connections
- Scientific and technical innovation

Science attempts to objectively gather evidence, identify

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8 Whole Numbers & Integers

- Relationships
- Scientific and technical innovation

Mathematics is a universal system for representing patterns and measurements that can be broken down into simple relationships.

2 Properties of Numbers

- Relationships
- Scientific and technical innovation

Understanding patterns and relationships in maths helps us to understand and thrive in the world around us.

6 Fractions, Decimals & Percentages

- Relationships
- Scientific and technical innovation

There is a relationship between fractions, decimals and percentages where some are equal and where all represent a quantity of an amount.

5 Algebra

Grade 7 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language and literature — English

effective means of communicating narrative, theme and issues as well as means of entertainment.

Christian : Biblical and Christian narrative and themes can be effectively presented through film.

10 Trash - Novel Study

💡 📄 Perspective

🌍 ⚖ Fairness and development

❓ That social and economic circumstances effect individuals and communities.
Christian: The Bible teaches Christians to be concern about the poor.

9 Public Speaking

💡 💬 Communication

🌍 🎋 Personal and cultural expression

❓ IB: Effective and meaningful public speaking relies on clear content, structure and presentation skills, which when combined, engage and inform an audience.

❓ Christian: The Bible has demonstrated how God has effectively communicated to us through many examples of people inspired to make make public declarations to different audiences under a variety of circumstances.

🌿 Shared between English and Drama

Language acquisition — Indonesian

💡 💡 Creativity

🌍 🎋 Personal and cultural expression

❓ I can use creativity to help me understand Indonesian language structure and culture.

6 Warna apa ya?

💡 🏺 Culture

🌍 🎋 Personal and cultural expression

❓ Personal choices are often highly influenced by culture.

10 Punya Hobi Nggak?

💡 👥 Connections

🌍 👥 Identities and relationships

❓ Hobbies can connect individuals and audiences for purposes such as forming good relationships and demonstrating own identities.

3 Bagaimana Dia?

💡 💬 Communication

🌍 ➕ Other

❓ Paying attention to the audience and my writing helps me communicate the message.

5 Undangan

💡 💡 Creativity

🌍 ⚖ Fairness and development

❓ Inclusive events and invitations

Individuals and societies — Humanities

sustainability

❓ Students investigate the history and significance of Ancient China

7 Government

💡 ⚙ Systems

🌍 ⚖ Fairness and development

❓ Laws affect our everyday lives.

6 Government_Information Report

8 Place and liveability

💡 🌐 Global interaction

🌍 🔄 Orientation in space and time

❓ That place impacts on the way people live - quality of lifestyle

Sciences — Sciences

patterns, make deductions, verify and to assess consequences and finally to effectively communicate all that has been learned.

20 1. Sustainability - Stewardship of our planet

💡 ✎ Relationships

🌍 🌍 Globalization and sustainability

❓ There is a complex relationship between us and the world in which we live. Our actions have wide-reaching consequences on the environment.

10 Mixtures & Separation

💡 🦋 Form

🌍 🔬 Scientific and technical innovation

❓ Substances combine to form mixtures, while mixtures can be separated into substances.

4 Sorting and Grouping

💡 ⚙ Systems

🌍 🔬 Scientific and technical innovation

❓ Scientists observe patterns and use them to construct systems that explain how the world works.

6 Topic 2: Sorting & Grouping

💡 🗂 Identity

🌍 🔬 Scientific and technical

Mathematics — Standard mathematics

💡 ✎ Relationships
⚙ Systems

🌍 💻 Scientific and technical innovation

❓ The relationship between variables is not always known but algebra can help us to represent and simplify these relationships through modelling.

5 Linear Relationships

💡 ✎ Relationships

🌍 🔄 Orientation in space and time

❓ Using graphs to express relationships between unknown variables can be an effective tool when solving problems that are challenging to conceptualise.

5 Measurement

💡 📍 Time, place and space

🌍 🔄 Orientation in space and time

❓ Natural and human resources can be modelled using geometry in order to understand their form and solve problems.

4 Algebraic expressions & equations

💡 🧊 Logic

🌍 🔬 Scientific and technical innovation

❓ A logical process can be used to make generalisations and represent patterns

Grade 7 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language acquisition — Indonesian

can bring equality where once differences led to exclusion.

5 Apa hobi favoritmu?

💡 👥 Connections

🌐 🧩 Other

❓ We are connected to our hobbies and they can connect us to friends and experiences.

4 Mata Pelajaran Favorit Saya

💡 ⚙️ Systems

6 Cita-cita

💡 📈 Development

🌐 👥 Identities and relationships

❓ Personal development of own ambition leads to different meaning and patterns of life.

7 Makan di Warung

💡 📖 Culture

🌐 🌏 Globalization and sustainability

❓ The culture of eating in Indonesian restaurant is quite similar to Australian dining experiences.

4 Asyik, Liburan Sekolah!

💡 📖 Culture

🌐 🧩 Other

❓ Our holiday destinations depend

Sciences — Sciences

innovation

❓ The science of classification (taxonomy) uses the identification of physical and behavioural features amongst organisms to group them (patterns). The task of classifying organisms has improved over the years due to scientific and technical innovation in gene sequencing.

10 Earth, Sun & Moon

💡 👁 Aesthetics

🌐 🏺 Personal and cultural expression

❓ The analysis of celestial body movement within our solar system develops our personal and cultural appreciation of natural phenomena.

4 Mixtures and separation

8 Topic 3: Relationships

💡 ⚙️ Systems

4 Solids, Liquids and Gases

💡 🔵 Change

🌐 💻 Scientific and technical innovation

❓ We are affected by the changes of the state of water, it influences all our lives in many ways.

4 Forces and Motion

💡 ⚙️ Systems

🌐 💻 Scientific and technical

Mathematics — Standard mathematics

5 Geometry

💡 🪡 Form

🌐 💻 Scientific and technical innovation

❓ Modelling the form of an object allows us to understand it better and progress technology.

6 Chance & Data

💡 🧩 Logic

🌐 💻 Scientific and technical innovation

❓ Applying logic to understand probabilities help to minimise what we leave to chance.

3 Transformations

💡 🪡 Form

🌐 🏺 Personal and cultural expression

❓ Creativity is enhanced through an understanding of form and shape

3 Statistics

💡 🔗 Relationships

🌐 ⚖️ Fairness and development

❓ Different representations make it easier to understand and analyse global relationships and explore responsibilities within them

3 Probability

💡 🧩 Logic

🌐 🌏 Globalization and

Grade 7 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics
	on our individual context.		innovation (?) We can make sports safer.	sustainability (?) Using a set mathematical process can help us make decisions and choices based on our personal values
	5 Ayo Bermain dan Berolahraga! 💡 Creativity 🌍 Other (?) How I invite others to join my sport depends on the audience and how often I play. **4 Pekerjaan**		**10 Habitats & Classification** **6 Forensic Science** 💡 Relationships 🌍 Scientific and technical innovation (?) Who did it, to whom, with what, why and when? **6 Forces** **6 Topic 6: Earth Resources** 💡 Perspective 🌍 Fairness and development (?) The approach towards the Earth's resources is utilised needs to take into account society's increasing demands. A fair and balanced approach needs to account for energy and material needs and environmental consequences.	
42 weeks	91 weeks	51 weeks	127 weeks	55 weeks

Grade 7 – Middle Years

Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
10 It's Elemental - An Intro To Drama 💡 Change 🌍 Personal and cultural expression	**6 Let's "Play"!** 💡 Communities / Identity 🌍 Identities and relationships	**9 Delving into Drawing** 💡 Communication 🌍 Personal and cultural expression	**7 Athletics** 💡 Change 🌍 Identities and relationships (?) Knowledge, understanding, skill	**11 Unit 1 : Communicating global messages in Textiles** 💡 Communication 🌍 Personal and cultural expression

Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
The Arts allow us to express our ideas and share our stories in creative and meaningful ways.	'Play' includes freedom and structure.	It is possible to communicate through a drawing, or other artwork, when verbal communication is not possible.	and technique development are critical for confident and comfortable performance as well as providing opportunity to take responsibility for learning and achieve the best possible result.	Global messages communicated through Textiles drive design decisions through the development of a solution that serves it's function.

Arts — Drama

9 Who Do You Think You Are? Developing a Character

- 📰 Identity
- 🧑‍🤝‍🧑 Identities and relationships

Our surroundings, people, place and experiences can help shape our identity

10 Clowning Around

- 💬 Communication
- 🧑‍🤝‍🧑 Identities and relationships

Humour is part of our identity and is communicated through connections made between performer, audience and culture.

9 Public Speaking

- 💬 Communication
- 🧎 Personal and cultural expression

IB: Effective and meaningful public speaking relies on clear content, structure and presentation skills, which when combined, engage and inform an audience.

Christian: The Bible has demonstrated how God has effectively communicated to us through many examples of people inspired to make make public declarations to different

Arts — Music

8 DEMO: Concepts of Music - Lets experiment!

- 👁 Aesthetics
- 🧩 Other

Arts — Visual Arts

7 An introduction to painting – Acrylic medium

- 👁 Aesthetics
- 💡 Creativity
- 🧎 Personal and cultural expression

Could colour theory as a form of non-verbal communication be used as a tool for cultural expression in the pursuit of meaning of the world around us?

9 Playing with Plastic

- 🔵 Change
- 🌍 Globalization and sustainability

Everything deserves a second look

8 Matchbox World

- 📰 Identity
- 🧑‍🤝‍🧑 Identities and relationships

Could students conceptualise their own identity in the form of small objects, or colours, or textures

Physical and health education

10 Service and Leadership in Sport

- 💬 Communication
- 🧑‍🤝‍🧑 Identities and relationships
- 🤝 Fairness and development

Students will understand basic knowledge and skills in coaching and officiating that can enhance service and leadership in sport.

10 Mental Health

- 🔵 Change
- 📈 Development
- 🧑‍🤝‍🧑 Identities and relationships

Understanding and evaluating the causes, processes, consequences and choices one makes about anxiety provides an important opportunity to prevent and treat anxiety as well as learn empathy for those with anxiety. Developing resilience further aids in the prevention and treatment of anxiety as well as supporting general health and well being.

3 Cross Country

- 🔵 Change
- 🧑‍🤝‍🧑 Identities and relationships
- Choosing the best approach is

Design

10 Let's Begin to Cook

- 🪵 Development
- 💻 Scientific and technical innovation

Through exploring techniques, methods, safety and presentation ideas students will develop understandings and creativity relating to cultural communication, science and food handling.

9 Design an Create a Drawstring Bag

- 🪵 Development
- 🧎 Personal and cultural expression

Through textiles explorations and hands-on embellishment students will develop understandings in the selection and use of textiles resources.

8 Healthy Fast Food

- 🪵 Development
- 🌍 Globalization and sustainability

The popularity and availability of fast foods affect food choices but consideration of health and environment should also come

Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
audiences under a variety of circumstances. 🌳 Shared between English and Drama			vital to achieving the best outcome	into play in making choices to create a better world.

Arts — Drama

🌳 Shared between English and Drama

6 Performance Poetry

💡 👁 Aesthetics

🌍 🎉 Personal and cultural expression

💬 Words and movement are powerful tools when communicating with an audience.

Physical and health education

7 Identity and self expression.

💡 📇 Identity

🌍 👥 Identities and relationships

💬 Awareness and expression of identity can enhance inclusivity and the celebration of differences.

7 Jump Rope Movement Composition

💡 👁 Aesthetics
💡 Creativity
✂ Form

🌍 🎉 Personal and cultural expression

💬 A purposely constructed creative and aesthetically pleasing presentation that considers a range of factors that impact upon form can enhance the final product.

5 Dance Movement Composition

💡 👁 Aesthetics
⚫ Change
💡 Creativity
📈 Development
✂ Form
⚙ Systems

🌍 👥 Identities and relationships

💬 Dance skill acquisition has the potential to enhance possible future social situations involving

Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
			dance.	

Physical and health education

12 Netball

💡 🔵 Change

🌐 👥 Identities and relationships

❓ A positive contributor to a team chooses to adapt to their environment and is willing to take on new ways of thinking and acting.

10 Fit for Life

💡 💬 Communication

🌐 👥 Identities and relationships

❓ Developing and maintaining physical fitness can affect a person's view of themself. It requires monitoring and refinement and is often affected by the environment.

5 Cricket

💡 📚 Culture
🌐 Global interaction

🌐 👥 Identities and relationships

❓ Learning about cricket can help me understand more about Australian and international culture.

7 Nutrition

💡 🔵 Change
⚙️ Systems

🌐 👥 Identities and relationships

Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
			💬 Sustainable engagement in positive food habits is vital for human well being	
44 weeks	14 weeks	33 weeks	83 weeks	38 weeks

Grade 7 – Middle Years

Design Product Design				
10 Wooden Utensils 💡 👁 Aesthetics 🪵 Development 🌍 🗺 Globalization and sustainability 💬 Developing the ability to create beauty, combined with a functioning item, will equal a successful project that reduces human impact on the environment as you will want to keep it and even pass it on to others.				
10 Wooden Coaster and T-Light Candle Set 💡 🔵 Change 🌍 🖥 Scientific and technical innovation 💬 Through scientific and technical innovation, changing a natural resource into a useable item will impact all humans.				
9 Sheet metal bird house 💡 👁 Aesthetics				

Design Product Design				
🔮 Change 🦋 Form 🖥️ Scientific and technical innovation 💬 folding sheet metal increases strength and usability.				
6 Logic Puzzles 💡 📗 Development 🧊 Logic 🌐 👥 Identities and relationships 💬 Logic puzzles provide interesting and fun challenges that develop resilience.				
8 Rocket Cars 💡 📗 Development 🦋 Form 🌐 🖥️ Scientific and technical innovation 💬 Speed, power and beauty can be created.				
2 Personalised Book Ends 💡 👁️ Aesthetics 💬 Communication 🌐 💃 Personal and cultural expression 💬 Aesthetically pleasing items can confidently communicate aspects of self.				

45 weeks

Grade 8 – Middle Years

Language and literature English	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics	Arts Drama

Language and literature — English

7 Skellig - Text Study
- 💡 🖋 Perspective
- 🌍 🎗 Personal and cultural expression
- ❓ Look differently at the world.

9 Fantasy genre - 'The Lion the Witch and the Wardrobe'
- 💡 📚 Culture
- 🌍 👥 Identities and relationships
- ❓ Literary works are affected by a writer's beliefs and cultural background.

8 Characters and Stereotypes & Visual text literacy
- 💡 🗞 Identity
- 🌍 👥 Identities and relationships
- ❓ Characters are creations; even "real"ones.

7 The cultural significance of Shakespeare
- 💡 💬 Communication 🖋 Perspective
- 🌍 🎗 Personal and cultural expression
- ❓ That social environment affects reception of texts.

7 Multimodal text study - 'Hugo' and examples of visual texts
- 💡 💡 Creativity
- 🌍 🎗 Personal and cultural

Individuals and societies — Humanities

5 Fall of Rome
- 💡 🌑 Change
- 🌍 🔵 Orientation in space and time
- ❓ Failure to change can result in failure to prosper/survive.

10 The Middle Ages and the Black Death
- 💡 ⚙ Systems
- 🌍 🔵 Orientation in space and time
- ❓ To refer to The Middle Ages as 'The Dark Ages' is only partially justifiable.

5 Japan under the Shoguns
- 💡 🌑 Change
- 🌍 🔵 Orientation in space and time 🌐 Globalization and sustainability
- ❓ That cultures can undergo great changes, caused by internal and external factors.

10 Landforms and Landscapes
- 💡 🌑 Change 🔗 Relationships
- 🌍 🖥 Scientific and technical innovation 🌐 Globalization and sustainability
- ❓ Different landscapes influence human activity and culture in various ways.

Sciences — Sciences

4 Data analysis
- 💡 💬 Communication Logic
- 🌍 🖥 Scientific and technical innovation
- ❓ Data analysis and presentation follow a logical process that facilitates the communication of scientific ideas.

6 Introducing Cells
- 💡 ⚙ Systems
- 🌍 🖥 Scientific and technical innovation
- ❓ Recent research into the form and function of cells in biological systems is leading to exciting, though sometimes controversial, developments in medicine.

8 Healthy Body Systems
- 💡 ⚙ Systems
- 🌍 👥 Identities and relationships
- ❓ Our health system is dependent on the healthy functioning of our body systems and this is affected by our lifestyles.

3 The periodic table
- 💡 ⚙ Systems

5 Useful Energy
- 💡 🌑 Change
- 🌍 🖥 Scientific and technical innovation

Mathematics — Standard mathematics

6 Real Numbers
- 💡 🧩 Form
- 🌍 🖥 Scientific and technical innovation
- ❓ Quantities are represented in different ways to help us understand changes in our natural environment

6 Ratios, Rates & Proportions
- 💡 🔗 Relationships
- 🌍 🌍 Globalization and sustainability
- ❓ Understanding the relationships represented by different mathematical notation can help us to simplify quantities and make informed decisions regarding the opportunities of a connected world.

5 Algebra
- 💡 🧩 Logic
- 🌍 🖥 Scientific and technical innovation
- ❓ We can use algebra to simply model real-life patterns in a way that allows us to explore opportunities for technical innovation and principled action.

5 Linear Relationships
- 💡 🔗 Relationships
- 🌍 🖥 Scientific and technical innovation

Arts — Drama

10 Making A Scene - Devising a Group Performance
- 💡 👁 Aesthetics
- 🌍 🎗 Personal and cultural expression
- ❓ The Arts allow us to express ourselves and our ideas creatively and have an impact on those around us.

9 Heroes and Villains - The Art of Melodrama
- 💡 🌑 Change
- 🔵 Orientation in space and time
- ❓ Traditional conventions of the past influence the popular genres of today.

10 The Art of Improvisation
- 💡 💬 Communication
- 🌍 🎗 Personal and cultural expression
- ❓ Drama allows us to develop spontaneity, creativity and imagination as we explore human nature, communication and the relationship between ourselves and others.

9 People, Place and Time - exploring and expressing culture, context and difference
- 💡 🗞 Identity
- 🌍 🔵 Orientation in space and time
- ❓ Our surroundings, people, place

Language and literature English	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics	Arts Drama

Language and literature / English

expression

? Metaphorical effectiveness of image, artefacts, colours, sounds is culture-dependent.

🍀 Shared between English and Visual Arts

6 Australian voice

💡 📰 Identity

🌍 🗿 Personal and cultural expression

? That there is an Australian voice...but it is diverse.

3 Power in Words

💡 🔖 Perspective

🌍 🗿 Personal and cultural expression

? Clear confident and effective communication can be powerful and effective.

Sciences / Sciences

? Energy is used in many ways in modern society. How we change it from one form to another to meet our needs is a significant accomplishment.

6 Mixing and Separating

💡 🔗 Relationships

🌍 Scientific and technical innovation

? Water can be purified to provide safe drinking water for communities around the world.

10 Chemistry

💡 ⚙ Systems

🌍 Scientific and technical innovation

? Understanding what atoms make up matter allows us to make predictions about its behaviour and usefulness.

4 Matter matters

💡 🌑 Change ⚙ Systems

🌍 Scientific and technical innovation

? Our understanding of the nature of matter has led to significant scientific advancement

8 Geology

💡 🌑 Change

🌍 Scientific and technical

Mathematics / Standard mathematics

? Models can be used to represent relationships to help make informed decisions.

5 Measurement

💡 🦋 Form

🌍 Scientific and technical innovation

? Precise measurements can help us make informed decisions.

5 Geometry

💡 🔗 Relationships

🌍 Scientific and technical innovation

? By identifying forms of equivalent (or congruent) triangles, measurements can be made and unknowns calculated.

6 Statistics & Probability

💡 🔗 Relationships

🌍 Globalization and sustainability

? Representing data properly allows us to see changes in relationships and allows us to make predictions

Arts / Drama

and time are reflected in the art we create.

Language and literature English	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics	Arts Drama
		innovation (?) Rocks and minerals are being continually transformed through a series of interactive processes.		
47 weeks	30 weeks	54 weeks	38 weeks	38 weeks

Grade 8 – Middle Years

Arts Film	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
10 Print Media - Investigating Magazine Covers (bulb) 👁 Aesthetics (globe) 🕴 Personal and cultural expression Imagery and text can be used to communicate, persuade and influence an audience - both positively and negatively.	**6 Music As A Language 1** (bulb) 💬 Communication (globe) 🕴 Personal and cultural expression (?) None spoken communication can be powerful, effective and fun.	**6 Revisiting Drawing** (bulb) 🖼 Identity (globe) 👥 Identities and relationships (?) The mark making that makes me	**7 Athletics** (bulb) ◉ Change (globe) 👥 Identities and relationships Knowledge, understanding, skill and technique development are critical for confident and comfortable performance as well as providing opportunity to take responsibility for learning and achieve the best possible result.	**10 Foods and Techniques Revisited and How do we prepare Healthy Meals and Snacks?** (bulb) 📈 Development (globe) 🖼 Scientific and technical innovation A focus on sustainable living drives skills development and knowledge based on a collaborative approach.
8 The Power of Sound (bulb) ◉ Change (globe) 🕴 Personal and cultural expression (?) Music and sound can be used effectively to create mood, atmosphere and meaning.		**7 Recreating the Masters** (bulb) ◉ Change (globe) 🕴 Personal and cultural expression (?) An artistic exploration of the past can inform our present	**12 Mental/Emotional Health: Getting to know yourself, getting along with yourself** (bulb) 🖼 Identity (globe) 👥 Identities and relationships (?) A sense of self-worth, belonging, control, meaning/purpose and future are affected by the choices we make, our environment, the perspectives of those around us and can significantly affect emotional well-being and identity development.	**14 Pakaian** (bulb) 💬 Communication (globe) 🕴 Personal and cultural expression (?) To communicate Indonesia's motto of unity in diversity through design in Textiles. (tree) Shared between Indonesian and Design
10 Advertising (bulb) 🖼 Identity (globe) 🕴 Personal and cultural expression (?) Advertising uses culturally		**9 Cast and Capture: an exploration in form** (bulb) 👁 Aesthetics 🎨 Form (globe) 🌐 Orientation in space and time (?) Negative spaces can lead to positive forms.	**8 First Aid**	**14 Let's Eat Fresh** (bulb) 📈 Development
		7 Multimodal text study - 'Hugo' and examples of visual texts		

Arts Film	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
recognised symbols and conventions to convey meaning and influence specific audiences. **8 Public Service Announcements** 💡 Communication 🎉 Personal and cultural expression Media is a powerful tool for educating and bringing social change.		💡 Creativity 🎉 Personal and cultural expression Metaphorical effectiveness of image, artefacts, colours, sounds is culture-dependent. Shared between English and Visual Arts **7 Communicating Christmas** 💡 Communication 🎉 Personal and cultural expression Art can used as a language to express one's identity, interests, culture or personal values.	👥 Connections Logic Identities and relationships Humans can help and support themselves and others through learning and applying first aid principles and strategies. **3 Cross Country** 📷 Change Identities and relationships Choosing the best approach is vital to achieving the best outcome **7 Jump Rope Movement Composition** 👁 Aesthetics 💡 Creativity 🦋 Form 🎉 Personal and cultural expression A purposely constructed creative and aesthetically pleasing presentation that considers a range of factors that impact upon form can enhance the final product. **10 Basketball** 📷 Change Development Identities and relationships Team members must be alert, aware and responsive in order to	🌐 Scientific and technical innovation Investigate the ways in which products, services and environments evolve locally, regionally and globally through the creativity, innovation and enterprise of individuals and groups (ACTDEK030) **9 TEXTILES/UPCYCLING – 'MAKE SOMETHING NEW FROM SOMETHING OLD' or re-use a Textiles medium.** 💡 Development 🌐 Globalization and sustainability How we can redeem salvaged resources creatively in a design challenge that will connect knowledge of the impact of sustainability through the exploration of options from salvaged fibres and fabrics for our own designing and how can we gain an appreciation of creativity to stimulate our own creativity through the exploration of popular global trends that promote the recycling of waste in the fashion industry.

Arts Film	Arts Music	Arts Visual Arts	Physical and health education Physical and health education	Design Design
			meet challenges. **5** **Dance Movement Composition** 👁 Aesthetics 🔵 Change 💡 Creativity 🦋 Development 🦋 Form ⚙ Systems 🌍 👥 Identities and relationships ❓ Dance skill acquisition has the potential to enhance possible future social situations involving dance. **8** **Contributing to healthy and active communities** 💡 🤝 Communities 🌍 👥 Identities and relationships ❓ Good health is a personal and community responsibility. **7** **Badminton** 💡 🔵 Change 🌍 👥 Identities and relationships ❓ Performers respond and adapt to changing environments, challenges and situations	
36 weeks	6 weeks	36 weeks	67 weeks	47 weeks

Grade 9 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

5 Film as Text - how to read films
- Communication
- Personal and cultural expression

That film can be "read" as a text. Christian statement: Visual texts, including film, can convey strong biblical messages and themes either indirectly or indirectly.

9 Animal Farm - exploring tyranny through allegory
- Communication
- Perspective
- Identities and relationships

The control of language is key to controlling a society.

10 Poetry of Faith, Love and Contemplation
- Creativity
- Personal and cultural expression

That poetic structures are effective vehicles for the communication of faith, love and contemplation.

9 Much Ado About Nothing
- Communication
- Identities and relationships

Language is a powerful tool of emotional expression and influence.

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5 Saya Sendiri (ODD)
- Identity
- Identities and relationships

Language can express identity in many different ways.

5 Kesehatan
- Culture
- Identities and relationships

Sickness and health although can be viewed in different ways, they share common ideas.

5 Di Sekolah (ODD)
- Creativity
- Personal and cultural expression

Creativity can help us express knowledge in a meaningful way.

5 Pendidikan (ODD)
- Culture
- Orientation in space and time

Different places and people require different systems

5 Pendapat-Pendapat (EVEN)
- Communication
- Personal and cultural expression

Learning to listen to others' views and to communicate my own

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10 The Industrial Revolution 1750-1900
- Change
- Orientation in space and time
- Globalization and sustainability

Technological and social change are interconnected.

5 Making a Nation
- Change
- Identities and relationships

National identity is formed through both struggles and triumphs.

5 World War I
- Change
- Orientation in space and time

The First World War was a result of, and resulted in, dramatic social and political change.

10 Biomes & Food Security
- Global interaction
- Globalization and sustainability

The production of food is vastly dependant on the biome that it is grown in.

10 Interconnections

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10 Investigating some physical properties of table salt.
- Connections
- Creativity
- Scientific and technical innovation

A range of physical properties of salt can be identified and explored.

10 Scientific Investigations
- Perspective
- Scientific and technical innovation

What is the best way to understand the world around us?

9 Human Body
- Systems
- Scientific and technical innovation

Coordinated responses in systems require organisation and communication.

10 Solar energy
- Change
- Global interaction
- Systems
- Scientific and technical innovation
- Globalization and sustainability
- Fairness and development

solar energy

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6 Indices (Patterns & Algebra)
- Relationships
- Scientific and technical innovation

By identifying patterns and relationships in problems we can create generalizations that assist us with creating a solution to the problem.

5 Similarity & right angle trigonometry
- Time, place and space
- Scientific and technical innovation

Measurement skills can be used to get a better understanding of space and place.

5 Linear functions
- Logic
- Scientific and technical innovation

By observing patterns and using logical processes we can create models to help us understand the world.

6 What will happen?
- Relationships
- Identities and relationships

Representing relationships of chance events can help us to make informed decisions.

1 Written Examination

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

4 Seven billion people, seven billion stories: What makes a compelling life story?

💡 💬 Communication

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views well.

10 Bercerita: Aktivitas Sehari-hari (ODD)

💡 Creativity

🌍 Personal and cultural expression

❓ People of different cultures organise their days differently.

5 Kebudayaan Populer (ODD)

💡 💬 Communication

🌍 Identities and relationships

❓ Popular culture is a particular context which can affect identity, relationships and the way we communicate.

5 Karir (ODD)

💡 Perspective

🌍 Fairness and development

❓ A career can be an excellent opportunity to give: to your future self, future country and future world.

10 Lingkungan dan Bencana Alam (ODD)

💡 Connections

🌍 Scientific and technical innovation

❓ We can use science and communication technologies to connect people to solutions in

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8 Waves

💡 Change

🌍 Scientific and technical innovation

❓ Everything is governed by the storage, release and transfer of energy

10 Chemistry

💡 Change

🌍 Scientific and technical innovation

❓ Chemical reactions are predictable and useful.

10 The chemistry of salt

Change
💡 Form
Systems

10 Plate Tectonics

💡 Change

🌍 Orientation in space and time

❓ The surface and atmosphere of the Earth are the result of billions of years of gradual cycles of change.

9 Capacitance

Change
💡 Creativity
Form
Systems

🌍 Scientific and technical innovation

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4 Data

💡 Relationships

🌍 Scientific and technical innovation

❓ Empirical data must be statistically valid.

4 Financial Maths

💡 Relationships

🌍 Personal and cultural expression

❓ Understanding the relationship of interest rates and time may allow opportunity for entrepreneurship

4 3D & complex shapes

💡 Form

🌍 Fairness and development

❓ Appropriate calculations can save natural resources

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language acquisition — Indonesian

areas prone to natural disasters Kita bisa memakai ilmu dan teknology komunikasi untuk menyambungkan rakyat dan solusi di dareah-daerah rentan bencana alam.

5 Cuacanya (ODD)

💡 💬 Communication

🌐 🔵 Orientation in space and time

❓ Weather reports in different countries communicate information about particular places and times using similar patterns, although accent often varies.

6 Pekerjaan (ODD)

💡 👥 Connections

🌐 ⚖️ Fairness and development

❓ We can imagine a hopeful future connected to our future careers.

6 Makanan (ODD)

💡 📜 Culture

🌐 💃 Personal and cultural expression

❓ Key aspects of Indonesian culture are expressed through customs of eating in restaurants.

Sciences — Sciences

🌐 Globalization and sustainability

❓ how is energy stored?

4 Ecology

💡 🔗 Relationships

🌐 🖥️ Scientific and technical innovation

❓ In one sense, organisms exist within a very thin range of life within their ecosystem, yet they also show remarkable capacity to adapt and change with their surroundings.

37 weeks	72 weeks	40 weeks	90 weeks	35 weeks

Mathematics Extended mathematics	Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education

Mathematics — Extended mathematics

5 Radicals

- 💡 💬 Communication
- 🌍 🎇 Scientific and technical innovation
- ❓ Radicals allow us to exactly represent and communicate numbers. They can be simplified and manipulated.

19 Modelling real life - Linear & Quadratic Equations

- 💡 🔗 Relationships
- 🌍 👥 Identities and relationships
- ❓ Real relationships can be represented and generalized using systems and models

10 Relations & Functions

- 💡 🔗 Relationships
- 🌍 🎇 Scientific and technical innovation
- ❓ Modelling relations and functions using graphs allows us to represent and investigate problems.

9 Exponentials and logarithms

- 💡 🔗 Relationships
- 🌍 🌐 Globalization and sustainability
- ❓ Discovering relationships can lead to understanding how systems evolve

Arts — Drama

10 Theatre For Change - A Unit on Playbuilding

- 💡 🔮 Change
- 🌍 👤 Personal and cultural expression
- ❓ Theatre can change the way you think

8 From Page To Stage - Exploring Duologues

- 💡 📰 Identity
- 🌍 👥 Identities and relationships
- ❓ The Arts can help us to understand human behaviour, different world views and how we relate to each other

10 Get Real - focus on Realistic Theatre

- 💡 🔮 Change
- 🌍 👤 Personal and cultural expression
- ❓ Drama allows us to present to the world a mirror image of itself.

10 Focus on Greek Theatre

- 💡 👁 Aesthetics
- 🌍 🧭 Orientation in space and time
- ❓ Effective aesthetics and form transcend time.

Arts — Music

10 Creating: Using the 'raw' elements of Music

- 💡 💡 Creativity / 🎨 Form
- 🌍 👤 Personal and cultural expression / 🎴 Other
- ❓ Music is organised sound and uses 'raw materials' that are deliberately chosen and arranged by a performer or composer.

6 Star Dance - The Heavens Declare the Glory of God

- 💡 🔮 Change
- 🌍 🌀 Orientation in space and time
- ❓ Human creativity echoes God's creativity.

10 Listening and Playing

- 💡 🔮 Change
- 🌍 👤 Personal and cultural expression / 🎴 Other
- ❓ Music and instruments are developed by different cultures over time as a way to communicate and express a message through music.

10 Going solo: My instrument and the pieces I play

- 💡 👁 Aesthetics
- 🌍 👤 Personal and cultural expression / 🎴 Other

Arts — Visual Arts

5 From Drawing to Design

- 💡 👁 Aesthetics / 💬 Communication
- 🌍 👤 Personal and cultural expression
- ❓ Art can be a language to express ideas and concepts, or cultural and personal values

7 Revisiting the Masters

- 💡 🔮 Change / 📰 Identity
- 🌍 👤 Personal and cultural expression
- ❓ An artistic exploration of the past can inform our present

10 Communicating a Concept

- 💡 💬 Communication
- 🌍 👥 Identities and relationships
- ❓ Objects can carry a narrative or an idea

Physical and health education

7 Athletics

- 💡 🔮 Change
- 🌍 👥 Identities and relationships
- ❓ Knowledge, understanding, skill and technique development are critical for confident and comfortable performance as well as providing opportunity to take responsibility for learning and achieve the best possible result.

30 Relationships and Sexuality

- 💡 🔗 Relationships
- 🌍 👥 Identities and relationships
- ❓ The choices we make are influenced by our surroundings and have consequences that will affect our relationships and sexuality.

3 Cross Country

- 💡 🔮 Change
- 🌍 👥 Identities and relationships
- ❓ Choosing the best approach is vital to achieving the best outcome

7 Jump Rope Movement Composition

- 💡 👁 Aesthetics / 💡 Creativity / 🎨 Form
- 🌍 👤 Personal and cultural expression
- ❓ A purposely constructed creative

Grade 9 – Middle Years

Mathematics / Extended mathematics	Arts / Drama	Arts / Music	Arts / Visual Arts	Physical and health education
		Music forms an important part of my identity and journey in life: Artistic expression and engagement can express important things about ourselves.		and aesthetically pleasing presentation that considers a range of factors that impact upon form can enhance the final product.

Arts / Music

10 Gospel Music - A Cultural Exchange

- 💡 🔮 Change
- 🌍 Personal and cultural expression
- ❓ Understanding of the Arts can enable cultural exchange.

10 Ensemble: Performing Music with Others

- 💡 💬 Communication
- 🌍 Personal and cultural expression
- Other
- ❓ Creative expression can bring a group together for a common cause.

Physical and health education

5 Dance Movement Composition

- 👁 Aesthetics
- 🔮 Change
- 💡 Creativity
- Development
- Form
- Systems
- 🌍 👥 Identities and relationships
- ❓ Dance skill acquisition has the potential to enhance possible future social situations involving dance.

9 Traditional Sports and Games

- 💡 📘 Culture
- 🌍 Orientation in space and time
- Globalization and sustainability
- ❓ Participation in traditional sports and games provides an opportunity for new perspectives, intercultural understanding, engagement and the development of new skills and conceptual understanding.

7 Volleyball

- 💡 💬 Communication
- 🌍 👥 Identities and relationships
- ❓ For a team to function effectively,

Grade 9 – Middle Years

Mathematics Extended mathematics	Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education
				all team members must communicate efficiently and clearly
43 weeks	38 weeks	56 weeks	22 weeks	68 weeks

Grade 9 – Middle Years

Design Design	Design Product Design			

Design

10 **Foods from Scratch**

💡 🎂 Development

🌐 💃 Personal and cultural expression

💬 The development of appreciation through personal expression including adaptations that impact on aesthetics, appeal, nutrition and individual designs.

11 **Design a Dessert**

💡 🏆 Creativity
🎂 Development

🌐 💃 Personal and cultural expression

💬 Through our observations of creative product presentations we seek inspiration to develop our own personal creativity and cultural understanding through collaboration and practical application.

10 **Exploration and Communication in Textiles**

💡 🖥 Communication

Product Design

10 **Game Design**

💡 🎂 Development

🌐 💻 Scientific and technical innovation

💬 Innovative development in computer games can serve as a form of expression.

6 **Sketch Up and Beyond**

💡 🎂 Development

🌐 🌍 Globalization and sustainability

💬 Mastery of tools in sketch up is vital for producing successful designs.

7 **Saw horse project**

💡 🎏 Form

🌐 💃 Personal and cultural expression

💬 Applying effort and taking time to do a good job through inquiry into wood working techniques will allow you to produce a strong and stable saw horse.

Design Design	Design Product Design			

Design / Design

🌐 🏆 **Personal and cultural expression**

❓ Exploration based on client needs and the use of salvaged and available resources promotes resourcefulness, creativity in relation to function, beauty, and communication through Textiles.

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8 Breakfast

💡 💬 Communication

🌐 🏆 **Personal and cultural expression**

❓ Knowledge of global trends promotes cultural understanding and communication of caring hospitality and service through adaptation and collaboration.

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8 Special Occasion Foods

💡 ⚙️ Systems

🌐 🏆 **Personal and cultural expression**

❓ Exploration and expression of creativity to present special occasion products that are aesthetically pleasing using knowledge of the elements of design through making judgments while combining a range of specialised technologies to create designed solutions.

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6 Designing Creative Menus Unit 4

💡 💬 Communication

🌐 👥 Identities and relationships

Design / Product Design

10 Back End Web Development

10 Rocket Stove

💡 📊 Development

🌐 🖥️ Scientific and technical innovation

❓ Joining steel sections for the purpose of drawing air, will allow a fire to burn efficiently and produce a concentrated heat source.

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10 Artificial Intelligence and Chatbots

9 Networks and Performance

💡 💬 Communication

🌐 🖥️ Scientific and technical innovation

❓ How is data transmitted and secured in wired and wireless networks and what can have an impact on network performance?

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20 Personal Choice Project

💡 Creativity
📊 Development
⚙️ Systems

🌐 🏆 Personal and cultural expression

❓ Students will create, invent and produce products which highlight human capability to create and become entrepreneurs, as well as express their personal design styles.

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12 Free Design Portfolio

Grade 9 – Middle Years

Design Design	Design Product Design			
💬 Effective communication is essential in group planning for food sharing that promotes healthy choices among families, friends and the school community.	💡 Creativity 🖥️ Scientific and technical innovation ❓ Technological innovation combined with creative thinking and design principles will produce aesthetically pleasing functional designs and outcomes. **10 Cyber Security**			
53 weeks	104 weeks			

Grade 10 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics
10 The Pearl and Other Parables 💡 🖥️ Communication 🏺 Culture 🌍 🏆 Personal and cultural expression ❓ Parables transcend time and place to employ a universal theme.	**5 Saya Sendiri (ODD)** 💡 📰 Identity 🌍 👥 Identities and relationships ❓ Language can express identity in many different ways.	**10 The Interwar Years 1918-1939** 💡 🔵 Change 🌍 👥 Identities and relationships ❓ Unresolved conflict creates more conflict.	**5 Global Cycles** 💡 🔵 Change 🌍 🖥️ Scientific and technical innovation ❓ Global systems, including the carbon cycle, rely on interactions involving the biosphere, lithosphere, hydrosphere and atmosphere	**5 Why does algebra look so clever?** 💡 🔗 Relationships 🌍 👥 Identities and relationships ❓ Finding and expressing things in common helps us to simplify and improve relationships.
10 The Happiest Refugee - memoir 💡 🔍 Perspective 🌍 👥 Identities and relationships ❓ That memoirs use various devices to tell engaging stories whilst also raising specific issues about humanity.	**5 Kesehatan** 💡 🏺 Culture 🌍 👥 Identities and relationships ❓ Sickness and health although can be viewed in different ways, they share common ideas.	**11 World War 2** 💡 📍 Time, place and space 🌍 🔵 Orientation in space and time ❓ The events and actions of people and nations are often complex in their causes and can be viewed from a range of perspectives.	**10 Investigating some physical properties of table salt.** 💡 👥 Connections 💡 Creativity 🌍 🖥️ Scientific and technical innovation ❓ A range of physical properties of salt can be identified and explored.	**5 How can we move in space?** 💡 🔗 Relationships 🌍 🔵 Orientation in space and time ❓ Applying mathematical logic to spatial dimensions can open personal, cultural and social entrepreneurship opportunities.
10 Deconstructing Films 💡 🖥️ Communication	**5 Di Sekolah (ODD)** 💡 Creativity 🌍 🏆 Personal and cultural expression	**5 The Post-WW2 World and the emergence of the Cold War** 💡 🔍 Perspective 🌍 🌐 Globalization and		**7 Topic 2: Quadratic Relationships** 💡 🔗 Relationships 🌍 🖥️ Scientific and technical

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language and literature — English

🌍 👥 Identities and relationships

❓ Film uses specific devices to effectively convey narrative.

5 'A Good Mood' - exploring atmosphere in short stories

💡 🏆 Creativity

🌍 Personal and cultural expression

❓ That the creation of mood through description, diction and dialogue is an important element in short stories.

5 Poetry of Sorrow and War, Poetry of Joy and Peace

💡 🏆 Creativity

🌍 Personal and cultural expression

❓ That poetry can be an effective medium for expressing the extremes of sorrow and joy, from the personal to the global.

Language acquisition — Indonesian

❓ Creativity can help us express knowledge in a meaningful way.

5 Pendidikan (ODD)

💡 📖 Culture

🌍 Orientation in space and time

❓ Different places and people require different systems

5 Pendapat-Pendapat (EVEN)

💡 💬 Communication

🌍 Personal and cultural expression

❓ Learning to listen to others' views and to communicate my own views well.

10 Bercerita: Aktivitas Sehari-hari (ODD)

💡 🏆 Creativity

🌍 Personal and cultural expression

❓ People of different cultures organise their days differently.

5 Kebudayaan Populer (ODD)

💡 💬 Communication

🌍 👥 Identities and relationships

❓ Popular culture is a particular context which can affect identity, relationships and the way we communicate.

5 Karir (ODD)

Individuals and societies — Humanities

sustainability

❓ Conflict can lead to the recreation of national and international systems.

6 Geographies of Human Wellbeing

💡 🌐 Global interaction

🌍 Globalization and sustainability

❓ There is great diversity in how human wellbeing is defined and experienced globally.

4 Population Geographies

💡 🔗 Relationships

🌍 Globalization and sustainability

❓ The representation, analysis and interpretation of data can be used to draw conclusions about global and social wellbeing.

🌳 Shared between Humanities and Standard mathematics

6 The Law and Civil Rights

💡 ⚙️ Systems

🌍 Fairness and development

❓ Civil rights are often gained and upheld through considerable struggle.

Sciences — Sciences

10 Scientific Investigations

💡 🔍 Perspective

🌍 Scientific and technical innovation

❓ What is the best way to understand the world around us?

4 Introductory topic: Data analysis

💡 💬 Communication

🌍 Fairness and development

❓ The way that evidence is communicated can be influenced by transforming the data to fit a narrative.

6 Topic 1: Global Systems

💡 ⚙️ Systems

🌍 Globalization and sustainability

❓ There is a large body of evidence for human-driven climate change. The decisions we make today can have important consequences for the environment tomorrow.

5 Magnetism and Electricty

💡 ⚫ Change

🌍 Globalization and sustainability

❓ There are environmental consequences to developing electrical energy production to meet the needs of an expanding global population.

Mathematics — Standard mathematics

innovation

❓ By observing patterns we can discover relationships and create models of problems

8 How is technical innovation changing our ideas of public and private space?

💡 🔗 Relationships

🌍 Scientific and technical innovation

❓ Modelling allows us to solve new spatial relationship problems arising from technical innovation.

7 Topic 3: Measurement

💡 ✂️ Form

🌍 Scientific and technical innovation

❓ By comparing equivalent forms of shapes, measurements can be taken and conclusions made.

6 How many forms has a quadratic?

💡 🔗 Relationships

🌍 Globalization and sustainability

❓ Representing relationships visually and algebraically can allow us to find and optimise 'best case scenarios' and sustainable solutions.

5 Topic 4: Probability

💡 🎲 Logic

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language acquisition — Indonesian

💡 🏞 Perspective

🌐 ⚖ Fairness and development

❓ A career can be an excellent opportunity to give: to your future self, future country and future world.

10 Lingkungan dan Bencana Alam (ODD)

💡 👥 Connections

🌐 📺 Scientific and technical innovation

❓ We can use science and communication technologies to connect people to solutions in areas prone to natural disasters Kita bisa memakai ilmu dan teknology komunikasi untuk menyambungkan rakyat dan solusi di dareah-daerah rentan bencana alam.

5 Cuacanya (ODD)

💡 💬 Communication

🌐 🌀 Orientation in space and time

❓ Weather reports in different countries communicate information about particular places and times using similar patterns, although accent often varies.

6 Pekerjaan (ODD)

💡 👥 Connections

🌐 ⚖ Fairness and development

❓ We can imagine a hopeful future

Sciences — Sciences

5 How do things move?

💡 ⚙ Systems

🌐 📺 Scientific and technical innovation

❓ The motion of objects can be described and predicted using the laws of physics

10 Solar energy

💡 🔵 Change
🌐 Global interaction
⚙ Systems

📺 Scientific and technical innovation
🌐 Globalization and sustainability
⚖ Fairness and development

❓ solar energy

6 Topic 2: Chemical Reactions

💡 🔵 Change

🌐 📺 Scientific and technical innovation

❓ The atomic model has improved over time due to scientific and technical innovation. Therefore understand the various forms, functions, arrangements, and interactions of atoms help us to produce a range of products.

5 Diseases: When our bodies meet the ecosystem

💡 🔗 Relationships

🌐 ⚖ Fairness and development

Mathematics — Standard mathematics

💡 👥 Identities and relationships

❓ Decisions reached through logic may not always reflect beliefs and values

4 Making the world a fairer and more equal place?

💡 🎲 Logic

🌐 ⚖ Fairness and development

❓ The differences between quantities can be represented by inequalities, which allows us to solve and logically address inequality in Mathematics and in life.

3 Topic 5: Sequences

💡 🔗 Relationships

🌐 📺 Scientific and technical innovation

❓ Discovering relationships can lead to understanding how systems evolve

4 The only sure thing?

💡 🎲 Logic

🌐 🎭 Personal and cultural expression

❓ An individual's understanding of risk and chance is highly dependent on both logic and their personal experience.

4 Population Geographies

💡 🔗 Relationships

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics

Language acquisition — Indonesian

connected to our future careers.

6   Makanan (ODD)

💡 🍜 Culture

🌍 🎎 Personal and cultural expression

❓ Key aspects of Indonesian culture are expressed through customs of eating in restaurants.

Sciences — Sciences

❓ Health, History and global relationships are all transformed by infectious diseases.

4   It's In your genes

💡 🔗 Relationships

🌍 🖥 Scientific and technical innovation

❓ We inherit our characteristics from our parents via the processes containing within the living cell and via DNA?

5   Life, the Universe and Everything

💡 ⚙ Systems

🌍 🖥 Scientific and technical innovation

❓ The origin of the Universe and our Solar system?

6   Topic 3: Genetics

💡 🪪 Identity

🌍 🖥 Scientific and technical innovation

❓ Genetics is the study of genes, genetic variation, and heredity in living things. Through scientific and technical innovation, models for understanding DNA form, function, and therefore consequences of mutations have improved over time.

4   The Body Code

💡 🔗 Relationships

Mathematics — Standard mathematics

🌍 Globalization and sustainability

❓ The representation, analysis and interpretation of data can be used to draw conclusions about global and social wellbeing.

🌳 Shared between Humanities and Standard mathematics

6   Topic 6: Data representation & interpretation

💡 👥 Connections
🔗 Relationships
⚙ Systems

🌍 ⚖ Fairness and development

❓ The representation, analysis and interpretation of data can be used to draw conclusions about global and social wellbeing.

Grade 10 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics
			Scientific and technical innovation The discovery of the structure of DNA was a major development in our understanding of the processes of life and the mechanisms of God's creation.	
			10 The chemistry of salt Change Form Systems	
			8 The Classical Elements Systems Scientific and technical innovation What is fire, water, air, and earth?	
			8 Topic 4: Theories Perspective Identities and relationships Scientific and technical innovation The atomic model has improved over time due to scientific and technical innovation. Therefore understand the various forms, functions, arrangements, and interactions of atoms help us to produce a range of products. In science, a theory is a well-substantiated explanation of some aspect of the natural world that can incorporate facts, laws, inferences, and tested hypotheses.	

Grade 10 – Middle Years

Language and literature English	Language acquisition Indonesian	Individuals and societies Humanities	Sciences Sciences	Mathematics Standard mathematics
			9 Capacitance 🔮 Change 💡 Creativity 🦋 Form ⚙️ Systems 🖥️ Scientific and technical innovation 🌐 Globalization and sustainability ❓ how is energy stored? **6 Topic 5: Motion** 💡 Creativity ⚙️ Systems 🖥️ Scientific and technical innovation ❓ The motion of objects can be described and predicted using the laws of physics. **4 Research project**	
40 weeks	72 weeks	42 weeks	130 weeks	64 weeks

Grade 10 – Middle Years

Mathematics Extended mathematics	Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education
5 Radicals 💡 Communication 🖥️ Scientific and technical innovation ❓ Radicals allow us to exactly represent and communicate numbers. They can be simplified and manipulated.	**10 Theatre For Change - A Unit on Playbuilding** 💡 🔮 Change 🌐 💃 Personal and cultural expression ❓ Theatre can change the way you think	**10 Creating: Using the 'raw' elements of Music** 💡 Creativity 🦋 Form 💃 Personal and cultural expression 🧩 Other	**5 From Drawing to Design** 👁️ Aesthetics 💬 Communication 💃 Personal and cultural expression ❓ Art can be a language to express ideas and concepts, or cultural and personal values	**7 Athletics** 🔮 Change 👥 Identities and relationships ❓ Knowledge, understanding, skill and technique development are critical for confident and comfortable performance as well as providing opportunity to take

Grade 10 – Middle Years

Mathematics Extended mathematics	Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education

12 Polynomials

💡 🧊 Logic

🌍 📚 Scientific and technical innovation

❓ Relationships can be modeled and represented using equations and graphs

5 Exponentials and logarithms

💡 🔗 Relationships

🌍 🌏 Globalization and sustainability

❓ Discovering relationships can lead to understanding how systems evolve

10 Circle Geometry & Trigonometry

💡 🧊 Logic

🌍 🌐 Orientation in space and time

❓ Logic can be used to justify what we discover through measurement

10 Rates of change and differentiation

💡 🔗 Relationships

🌍 📚 Scientific and technical innovation

❓ How can we define a relationship that describes the change in a function?

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8 From Page To Stage - Exploring Duologues

💡 🪪 Identity

🌍 👥 Identities and relationships

❓ The Arts can help us to understand human behaviour, different world views and how we relate to each other

10 Get Real - focus on Realistic Theatre

💡 🔮 Change

🌍 🕯 Personal and cultural expression

❓ Drama allows us to present to the world a mirror image of itself.

10 Focus on Greek Theatre

💡 👁 Aesthetics

🌍 🌐 Orientation in space and time

❓ Effective aesthetics and form transcend time.

Music is organised sound and uses 'raw materials' that are deliberately chosen and arranged by a performer or composer.

6 Star Dance - The Heavens Declare the Glory of God

💡 🔮 Change

🌍 🌐 Orientation in space and time

❓ Human creativity echoes God's creativity.

10 Listening and Playing

💡 🔮 Change

🌍 🕯 Personal and cultural expression
🎋 Other

❓ Music and instruments are developed by different cultures over time as a way to communicate and express a message through music.

10 Going solo: My instrument and the pieces I play

💡 👁 Aesthetics

🌍 🕯 Personal and cultural expression
🎋 Other

❓ Music forms an important part of my identity and journey in life: Artistic expression and engagement can express important things about ourselves.

10 Gospel Music - A Cultural Exchange

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7 Revisiting the Masters

💡 🔮 Change
🪪 Identity

🌍 🕯 Personal and cultural expression

❓ An artistic exploration of the past can inform our present

10 Communicating a Concept

💡 💬 Communication

🌍 👥 Identities and relationships

❓ Objects can carry a narrative or an idea

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responsibility for learning and achieve the best possible result.

30 Drugs and their effects

💡 🏃 Relationships

🌍 👥 Identities and relationships

❓ Drugs are a part of Australian youth culture and the decision to take them can affect ones health and relationships with others.

3 Cross Country

💡 🔮 Change

🌍 👥 Identities and relationships

❓ Choosing the best approach is vital to achieving the best outcome

7 Jump Rope Movement Composition

💡 👁 Aesthetics
💡 Creativity
🧶 Form

🌍 🕯 Personal and cultural expression

❓ A purposely constructed creative and aesthetically pleasing presentation that considers a range of factors that impact upon form can enhance the final product.

7 Training principles and methods

💡 🔮 Change
📈 Development

Grade 10 – Middle Years

Mathematics Extended mathematics	Arts Drama	Arts Music	Arts Visual Arts	Physical and health education Physical and health education
		💡 🔮 Change 🌍 💃 Personal and cultural expression ❓ Understanding of the Arts can enable cultural exchange. **10 Ensemble: Performing Music with Others** 💡 💬 Communication 🌍 💃 Personal and cultural expression 🧩 Other ❓ Creative expression can bring a group together for a common cause.		🌍 👥 Identities and relationships ❓ Adequate preparation for performance requires due consideration of appropriate systems as well as personal and environmental factors. **5 Dance Movement Composition** 💡 👁 Aesthetics 🔮 Change 🔥 Creativity 📈 Development 🦋 Form ⚙️ Systems 🌍 👥 Identities and relationships ❓ Dance skill acquisition has the potential to enhance possible future social situations involving dance. **5 Touch Football** 💡 🪪 Identity 🌍 👥 Identities and relationships ❓ Positive growth and change can come by meeting the challenges we face. **6 Tennis** 💡 💬 Communication 🌍 👥 Identities and relationships ❓ Knowledge and skill acquisition can affect enjoyment and/or engagement
42 weeks	38 weeks	56 weeks	22 weeks	70 weeks

Design Design	Design Product Design			

10 Foods from Scratch

💡 📊 Development

🌐 🏆 Personal and cultural expression

💬 The development of appreciation through personal expression including adaptations that impact on aesthetics, appeal, nutrition and individual designs.

9 Breads

💡 💬 Communication

🌐 🏆 Personal and cultural expression

💬 Through our observations of creative product presentations, we seek inspiration to develop our own personal creativity and cultural understanding through collaboration and practical application.

11 Design a Dessert

💡 🏆 Creativity
📊 Development

🌐 🏆 Personal and cultural expression

💬 Through our observations of creative product presentations we seek inspiration to develop our own personal creativity and cultural understanding through collaboration and practical application.

10 SUCCULENT SEAFOOD

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10 Game Design

💡 📊 Development

🌐 💻 Scientific and technical innovation

💬 Innovative development in computer games can serve as a form of expression.

6 Sketch Up and Beyond

💡 📊 Development

🌐 🌍 Globalization and sustainability

💬 Mastery of tools in sketch up is vital for producing successful designs.

7 Saw horse project

💡 🦋 Form

🌐 🏆 Personal and cultural expression

💬 Applying effort and taking time to do a good job through inquiry into wood working techniques will allow you to produce a strong and stable saw horse.

10 Back End Web Development

10 Rocket Stove

💡 📊 Development

🌐 💻 Scientific and technical innovation

💬 Joining steel sections for the purpose of drawing air, will allow a fire to burn efficiently and produce a concentrated heat

	Design Design	Design Product Design			

Design — Design

💡 🛶 Culture
💡 ⛏️ Development
🔍 Perspective

🌍 🕺 Personal and cultural expression
🌍 Globalization and sustainability

💬 Knowledge of sustainability and appreciation of global themes affect choices from various perspectives.

10 Exploration and Communication in Textiles

💡 💬 Communication

🌍 🕺 Personal and cultural expression

💬 Exploration based on client needs and the use of salvaged and available resources promotes resourcefulness, creativity in relation to function, beauty, and communication through Textiles.

8 Breakfast

💡 💬 Communication

🌍 🕺 Personal and cultural expression

💬 Knowledge of global trends promotes cultural understanding and communication of caring hospitality and service through adaptation and collaboration.

8 Special Occasion Foods

💡 ⚙️ Systems

🌍 🕺 Personal and cultural

Design — Product Design

source.

10 Model and 3D Print a Solution to a real world Problem

💡 🔗 Relationships

🌍 🕺 Personal and cultural expression

💬 Abstract thinking and problem solving will offer entrepreneurship opportunities to provide solutions to problems in others environments.

10 Artificial Intelligence and Chatbots

9 Networks and Performance

💡 💬 Communication

🌍 🖥️ Scientific and technical innovation

💬 How is data transmitted and secured in wired and wireless networks and what can have an impact on network performance?

20 Personal Choice Project

💡 🕯️ Creativity
⛏️ Development
⚙️ Systems

🌍 🕺 Personal and cultural expression

💬 Students will create, invent and produce products which highlight human capability to create and become entrepreneurs, as well as express their personal design styles.

Design Design	Design Product Design			

expression

Exploration and expression of creativity to present special occasion products that are aesthetically pleasing using knowledge of the elements of design through making judgments while combining a range of specialised technologies to create designed solutions.

6 Designing Creative Menus Unit 4

💡 🗨 Communication

🌐 👥 Identities and relationships

Effective communication is essential in group planning for food sharing that promotes healthy choices among families, friends and the school community.

12 Free Design Portfolio

💡 💡 Creativity

🌐 🖥 Scientific and technical innovation

Technological innovation combined with creative thinking and design principles will produce aesthetically pleasing functional designs and outcomes.

10 Cyber Security

72 weeks   114 weeks