



Jakarta Intercultural School

Middle School Course Description Guide

2020-2021

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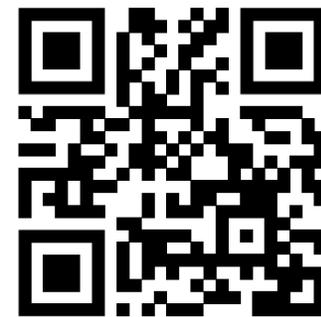




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Jatayu (Mythical Bird)

In the *Ramayana* story, Jatayu was so devoted to Rama's father that he gave up his life in an attempt to save Sita, Rama's wife, as she was being abducted by Rahwana. Though fatally wounded, he lived long enough to be able to tell Rama what had happened. His presence on the batik represents loyalty - true compassion for a friend.

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Introduction

We recognize that Middle School students are in the midst of a unique period of change, from childhood to adolescence, and that their education should be broad, challenging, and designed to help nurture each student and help them achieve their full potential.

We believe excellence in education includes:

- A curriculum emphasizing the process of learning with age-appropriate intellectual, physical, cultural and social experiences,
- A challenging curriculum delivered through research-based teaching practices which support various learning styles.
- Activities that emphasize initiative, participation and collaboration
- Opportunities to exercise creativity, courage and compassion
- Experiences designed to prepare students for our rapidly changing world

We believe an appropriate learning environment:

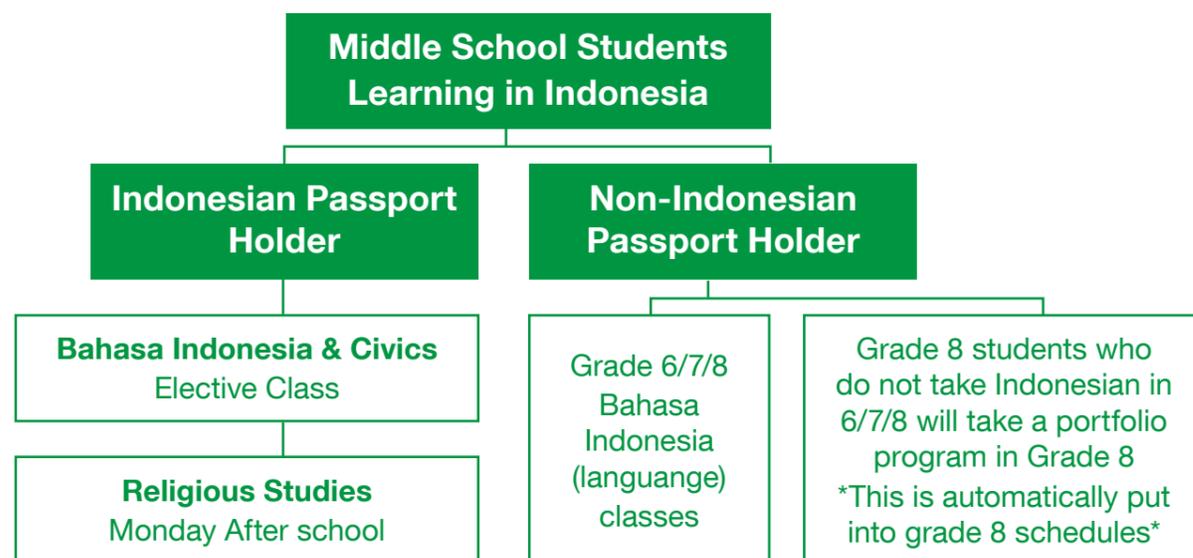
- Supports an atmosphere that is physically and emotionally safe and free of prejudice
- Promotes interaction throughout our multi-cultural community
- Encourages partnership between home and school
- Celebrates Indonesia's unique and diverse cultural and geographic features

Middle School Course Offerings

The Middle School Program of Studies is detailed in this course description document. We hope students and parents recognize the depth of our commitment in offering age appropriate and challenging experiences for students. We aim to offer experiences that emphasize participation and creativity while preparing students for their futures. Our elective and exploratory programs throughout the grade levels are designed to encourage students to explore areas of interest, attempt new challenges, and broaden their experience and expertise. The focus on exploratory offerings in Grade 6 and 7 gives way to a full set of elective courses in Grade 8 for students to choose. We believe that assigning students to exploratory experiences in Grade 6 while expanding choices and responsibilities as students get older supports the culture of the middle school and our middle school philosophy.

Indonesian Curriculum Course Requirements

Indonesian Passport Holders Vs. Non Indonesian Passport Holders



Foreign National Students living in Indonesia

All Foreign Nationals are required to enroll in an Indonesian Language & Culture program once during their time in Middle School. Foreign National Students may satisfy their Indonesian Requirement through one of two pathways. Both pathways lead to a MS Diploma in Indonesian Studies.

Pathway 1) Enroll in a year-long Indonesian Language & Culture course. (Bahasa Indonesia & Civics)

Pathway 2) Enroll in the year-long Indonesian Studies Portfolio* (grade 8 students only)

Grade Six

Required Courses

The following are all required year-long courses for all students with the exception of Health which is semester long.

Grade 6 English

In Grade 6 English, reading, writing, and oral communication are taught through the workshop model. Based on Columbia University's Teachers College Reading and Writing Project philosophy, teachers present content, model skills and strategies, and provide students with individualized feedback for growth. The goal of the workshop model is to develop competent, independent, and thoughtful readers, writers, speakers, and listeners.

In reading workshop, students are immersed in an assortment of fiction and nonfiction texts as they expand their comprehension, interpretation, and analytical skills with a variety of before, during, and after reading strategies. Interactive read aloud, mini-lessons, small group instruction, conferring sessions, book clubs, readers notebooks, and independent reading are the core workshop experiences.

Writing workshop involves an inquiry-based approach to the study of a variety of writing genres, with students delving deep into the features of a genre while progressing through the writing process -brainstorming, planning, drafting, revising, conferring, editing, and publishing - to produce their own written pieces. The 6 Traits of Writing provide content for mini-lessons, supporting and guiding students throughout the process. The writing genres studied in Grade 6 English include personal narrative, literary analysis, persuasive writing, historical fiction, and a range of short, creative pieces.

Grade 6 Social Studies

In Grade 6 Social Studies our approach to social studies learning is driven by inquiry into global issues, where we identify concepts and a compelling question that provides a pathway to guide the inquiry. Using illustrative content as a guide, we explore information, investigate ideas, and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories and demonstrate our knowledge and understanding by reflecting on the evidence and providing solutions to problems.

The grade six Social Studies units are:

- Moving Beyond Tolerance
- Technology and Conflict
- Bias and Perspectives
- Sustainability in Action

Grade 6 Science

In Grade 6 Science our approach to science learning is driven by inquiry, where we identify concepts and a compelling question that provides a pathway to guide the inquiry in a laboratory setting. Along the way, we explore information, investigate ideas, conduct experiments and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories, provide solutions to problems, and show our knowledge and demonstrate our understanding.

There are three areas that students will be assessed in Science: (1) Knowledge and Understanding, (2) Investigating and Communicating, and (3) Critical Thinking and Problem Solving.

The Grade Six Science Units are:

- How are all animals connected? (Classification in Biology)
- Does the “state of matter” matter? (Physics of Matter)
- Can we live without Energy? (Physics of Energy)
- Are we standing on solid ground? (Geology)

Math 6

The grade 6 standards are arranged into units that will extend students' knowledge and understanding of elementary topics into increasingly formalized and applicable skills as they transition into upper grades. The Standards for Mathematical Practice are a key component as they equip students in making sense of problems and building a set of tools they apply while completing unit projects.

Grade 6 math focuses on five critical areas:

- (1) connecting ratio and rate to whole number multiplication and division;
- (2) solve real-world and mathematical problems involving area, surface area, and volume;
- (3) apply and extend previous understandings of order of operations, decimals, and fractions;
- (4) writing, interpreting, and using expressions and equations; and
- (5) developing an understanding of statistical thinking.

Physical Education & Health

Physical Education

Yearlong

This required course meets every other day throughout the school year in a 70-minute instructional period.

The Middle School physical education program offers a wide selection of athletic activities which serve to promote teamwork and cooperation, motor skill development, physical fitness, knowledge of rules, strategies of game play, and an appreciation of the importance of exercise for a healthy lifestyle. Emphasis is placed on active student participation in a broad range of activities, which include: Aquatics; Net games; Invasive games; Striking / Fielding games; Challenges.

Health Semester

Our health course is a holistic program which aims to give students accurate and relevant information in the areas of physical, social, emotional, mental, spiritual and environmental health. We aim to develop the skills students need to make healthy and safe choices for the rest of their lives.

Students learn how to take positive action to enhance their own and others' health, safety and wellbeing. They do this as they examine values, beliefs, attitudes, opportunities, decisions, behaviours and actions.

Some of the topics covered in Grade 6 Health include:

- positive friendships
- dealing with conflict & bullying
- recognising and managing emotions
- physical fitness
- nutrition and our food choices
- recognising influences on our decisions
- physical, social and emotional changes during puberty

Mindfulness is also incorporated into our classes as it complements learning and wellbeing; helping with stress management, resilience, improving attention & focus, as well as increasing empathy and awareness of negative emotional states.

The Middle School Health team is excited to be working with your child this year to help them achieve their goals and discover their true inner potential.

Elective Courses

We believe that in Grade 6 students should have the opportunity to explore and find new interests and passions. Therefore we randomly assign students in Grade 6 to a new elective class each quarter. This provides a student who wouldn't normally choose the dance class or drama class and opportunity to experience something they may find they really like. All Grade 6 elective are 9 weeks long. Students will be able to choose their electives starting in Grade 7 and continue into Grade 8.

Creative Arts

Dance

Movement 6

This course is offered every quarter and can be taken multiple times

In Movement 6 students will explore the elements of dance through active movement play. Students will explore design and performance basics through the creative process within various team building tasks. Each student is given the opportunity to collaborate with peers to create movement patterns, sequences, and formations using a variety of inspiration (music, culture, nature, experiences, etc.). Students will be assessed on their performance and choreographic skills. Movement 6 culminates with an informal presentation in the classroom.

Movement 6-1: athletic movement

Offered Quarter 1

Students will be introduced to the creative process in choreographing movement combinations and will utilize athletic movements and everyday functional movements as stimulus for these works.

Movement 6-2: cultural/ tribal movement

Offered Quarter 2, no prerequisite required

We will develop ensemble skills and teamwork, utilizing and developing the body as a means for expression and communication of an idea. Themes of tribal communities and nature's four elements will be used as stimulus.

Movement 6-3: movement in pop culture

Offered Quarter 3, no prerequisite required

Students will explore how popular dance has evolved over time. As the quarter progresses, students will be exposed to dance styles relevant to popular culture such as hip-hop and street dance styles.

Movement 6-4: rhythmic movement

offered Quarter 4, no prerequisite required

Students will explore a variety of rhythms through vocals, body and assorted props. Additionally, they will learn tap basics to help them further develop rhythm, style, and technique. Students will learn a variety of rhythmic dance combinations from Broadway to Stomp.

Drama

Intro to Drama

Quarter

This course focuses on ensemble work with an emphasis on collaborative skills, drama games and exercises. The course is designed to increase students' ability to focus their concentration and expand their creativity in a safe, comfortable and enjoyable learning environment. Students learn the basic elements of stage terminology and performance concepts.

Drama and Comedia

Quarter

This class is a practical exploration of the magical and mystical world of masks and comedy in theatre. Students will learn about the ritualistic, dramatic and theatrical use of masks throughout the ages while experimenting with the various acting skills necessary to perform in a mask. Students will also explore comedy scripts and skits and practice script writing.

Visual Arts

Masquerade!

Quarter

This class is a practical exploration of the magical and mystical world of masks. Students will learn about the ritualistic, dramatic and theatrical use of masks throughout the ages while experimenting with the various acting skills necessary to perform in a mask.

Printmaking 6*Quarter*

This course will introduce students to the basics of printmaking, while gaining experience with drawing and design skills. Students will be exposed to an overview of the tools, methods and materials for producing basic artistic prints. The students will be encouraged to innovate and find their creative voice, while engaging in the printmaking process. Art criticism and art history will also be intertwined within the printmaking curriculum.

Painting 6*Quarter*

This course will introduce students to the basics of painting, while gaining experience with drawing and design skills. Students will be exposed to an overview of color theory, painting methods and painting materials for producing two-dimensional artwork. The students will be encouraged to innovate and find their creative voice, while engaging in the painting process. Art history and art criticism will also be intertwined within the painting/2D art curriculum.

Sculpture 6*Quarter*

This course will introduce students to the basics of sculpture, while gaining experience with drawing and design skills. Students will be exposed to an overview of the tools, methods and materials for producing three-dimensional artwork. The students will be encouraged to innovate and find their creative voice, while engaging in sculptural processes. Art criticism and art history will also be intertwined within the sculpture/3D art curriculum.

Vocal Music**Vocal Music 6 Exploratory***Quarter*

The goal of this quarter-long course is to give students an opportunity to explore music through vocal performance. Students will sing, perform and listen to a variety of music and styles in a fun, creative and safe environment. They will also review and add onto their current knowledge of music reading. At the conclusion of the course, students will participate in an ensemble performance.

Instrumental Music**Beginning Band***Yearlong*

This full-year course is open to all students in Grades 6 and 7, who will learn to play a musical instrument in a concert band setting. No previous band experience is necessary. Students will develop in the areas of

technique, ensemble skills, musical concepts, and perform a variety of musical styles/genres at the appropriate beginner level. An instrument orientation/selection process will be provided in order to create a balanced ensemble. Instrument rental is available through the school for those who do not purchase their own. Students are expected to participate in all rehearsals and performances.

Intermediate Band*Yearlong*

This full-year course is open to students in Grades 6 and 7, who will continue on their musical instrument in a concert band setting. One previous year of band is expected. Students will continue to develop in the areas of technique, ensemble skills, musical concepts, and perform a variety of musical styles/genres at the appropriate intermediate level. Instrument rental is available through the school for those who do not purchase their own. Students are expected to participate in all rehearsals and performances.

Beginning Strings*Yearlong*

This full-year course is open to all students in Grades 6 and 7 who are interested in learning violin, viola, cello or double bass. Students enrolling in this class are absolute beginners or would like to refresh their strings skills after some time away. By the end of the first year, students will be able to perform music at a Grade 2 level in a variety of classical styles, often together with other string ensembles in the Middle School. Students at the beginning level may rent school-owned instruments. As availability of rental instruments is limited, violinists and violists in particular are encouraged to purchase an instrument. As with all performing ensembles, concert performances are an expectation.

Intermediate Strings*Yearlong*

Two sections of this full-year course are offered to students enrolled in Grades 6 and 7. This course is available for students who have successfully completed the Suzuki Bach Minuets or equivalent, about 1-2 years of experience. As with all performing ensembles, home practice and concert performances are an expectation. Availability of rental instruments are limited and intermediate-level strings musicians are encouraged to purchase their own instruments.

Design Technology & Robotics**Robotics (Coding) 6***Quarter*

The Robotics class allows students to explore the connections between problem solving, design, teamwork, coding and machines. Students will explore the subject using a broad range of technology and equipment working on individual projects and working in small teams. This course provides a structured sequence of coding activities in real-world project-based contexts. The projects are designed to get students thinking about the patterns and structure of not just robotics, but also programming and problem-solving. By the end of the curriculum, students should be better thinkers, not just coders. Due to the self directed project based learning, students can choose to take Robotics any Quarter.

Design Technology 6*Quarter*

Design and Technology has a unique focus on sustainable development, creativity, innovation and the successful implementation of ideas. In Design and Technology courses, students take the initiative in leading your own learning journey, combine practical and technological skills with creative

thinking to make real world products and systems that meet clearly identified needs. They learn to think creatively and intervene to solve problems as individuals and members of a team. Working in real world contexts, students identify problems and opportunities for innovation and respond with ideas, products and systems. Through design and technology students develop confidence in using practical skills and become discriminating inventors and users of products. Due to the self directed project based learning, students can choose to take Design and Technology for any Quarter.

Coding Electronics 6*Quarter*

Coding Electronics will focus on problem solving, innovation and evaluation. Learning will be hands on with students experiencing a broad range of Electronic projects and gaining a good working knowledge of the processes involved in Electronics and Coding. Students will gain valuable experience and gain a good insight into not only Electronics and Coding, but also Design Technology, and Engineering. Due to the self directed project based learning, students can choose to take both or either of Coding Electronics any Quarter.

Modern Languages

Foreign Nationals: *Taking a Bahasa Indonesian language course one time during Middle School will satisfy the Ministry of Education requirement for Indonesian Studies.*

Indonesian Passport Holders: *Must take a Bahasa & Sastra (Lit) course each year during Middle School.*

French, Indonesian, Mandarin & Spanish**6 - Beginning***Yearlong*

This year-long class is intended for 6th grade students with no or very little experience in the target language. Through a variety of units, students will acquire basic grammatical structures and communication skills. Students will also develop an understanding of the culture of the different regions where the target language is spoken. By the end of the year, students will be able to: introduce themselves, understand and use simple phrases and sentences, ask and answer basic questions, communicate information about

themselves,, family, and friends. After successfully completing Gr. 6 - Beginning, students will move on to Gr. 7 - Developing.

6 - Developing*Yearlong*

This year-long class is intended for 6th graders who already have experience in the target language. In this level, students will acquire more complex grammatical structures and will improve their communication skills. Students will further develop their understanding of the culture of the different regions where the target language is spoken. After successfully completing Gr. 6 - Developing, students will move onto Gr. 7 - Expanding.*

**Any changes to a student's placement will occur in the first few weeks of the course as determined by the school.*

6 - Expanding

Yearlong

This year-long class is intended for 6th graders who have a solid understanding of the target language. Students in this class will further develop oral fluency, consolidate and expand grammatical structures and increase their confidence. Students will deepen their understanding of the culture of the different regions where the target language is spoken. After successfully completing Gr. 6 - Expanding, students will move on to Gr. 7 - Expanding.

For all Indonesian Passport Holders**Pendidikan Pancasila dan Kewarganegaraan (PPKn)(Civics)**

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language course. Students will go deeper in topics pertaining to Pancasila, the state philosophy, and attain further knowledge about the government system. Students will also learn about human rights and citizenship issues in line with the Indonesian national curriculum.

FLAM & Native Classes

Yearlong

French Native Language (This class will run pending the number of participants)

This program is intended for students with mother tongue proficiency. While not a substitute for programs offered at the French Lycée, our course draws inspiration from aspects of the French National Curriculum while adhering to JIS's pedagogical approach and addressing the unique needs of our culturally diverse community. In this course students will benefit from a challenging, authentic, French language experience that draws on various aspects of francophone culture. This course is intended to prepare students for a mother-tongue learning experience at the high school level. Placement in this program will be based on the results of a language assessment and a home language survey.

Pendidikan Agama (Religion)

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language and Civics courses.

Grade Seven**Required Courses****Grade 7 English**

In Grade 7 English, reading, writing, and oral communication are taught through the workshop model. Based on Columbia University's Teachers College Reading and Writing Project philosophy, teachers present content, model skills and strategies, and provide students with individualized feedback for growth. The goal of the workshop model is to develop competent, independent, and thoughtful readers, writers, speakers, and listeners.

In reading workshop, students are immersed in an assortment of fiction and nonfiction texts as they expand their comprehension, interpretation, and analytical skills with a variety of before, during, and after reading strategies. Interactive read aloud, minilessons, small group instruction, conferring sessions, book clubs, readers notebooks, and independent reading are the core workshop experiences.

Writing workshop involves an inquiry-based approach to the study of a variety of writing genres, with students delving deep into the features of a genre while progressing through the writing process - brainstorming, planning, drafting, revising, conferring, editing, and publishing - to produce their own written pieces. The 6 Traits of Writing provide content for mini-lessons, supporting and guiding students throughout the process. The writing genres studied in Grade 7 English include realistic fiction, argumentative writing, literary analysis, and poetry.

Grade 7 Social Studies

All JIS Middle School students are enrolled in a full-year social studies course. Our approach to social studies learning is driven by inquiry into global issues, where we identify concepts and a compelling question that provides a pathway to guide the inquiry. Using illustrative content as a guide, we explore information, investigate ideas, and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories and demonstrate our knowledge and understanding by reflecting on the evidence and providing solutions to problems.

The grade seven social studies units are:

- Natural Resource Management
- Trade and Globalisation
- Comparative Religions
- Bali - Sustainable Tourism

Grade 7 Science

All JIS Middle School students are enrolled in a full-year science course. Our approach to science learning is driven by inquiry, where we identify big concepts and a compelling question that provides a pathway to guide the inquiry in a laboratory setting. Along the way, we explore information, investigate ideas, conduct experiments and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories, provide solutions to problems, show our knowledge and demonstrate our understanding.

There are three areas that students will be assessed in Science: (1) Knowledge and Understanding, (2) Investigating and Communicating, and (3) Critical Thinking and Problem Solving.

The Grade Seven Science Units are:

- What is the solution to pollution? What are the properties of mixtures? (Chemistry of Solutions and Mixtures)
- How can we produce food sustainably? (Biology of Plants)
- Why do we get sick? (Biology of Cells)
- Why do objects move, slow down and stop? (Physics of Forces and Motion)

Math 7

The fundamental purpose of grade 7 mathematics is to formalize and extend the mathematics that students learned in the previous grades and lay a foundation for success in Algebra. The critical areas, organized into units, deepen and extend understanding of linear relationships through our Social Entrepreneurship where students design and run a class business. The Standards for Mathematical Practice apply and, together with the content standards, call for students to experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Grade 7 math focuses on four critical areas:

- (1) developing understanding of and applying proportional relationships
- (2) developing understanding of operations with rational numbers and working with expressions and linear equations
- (3) investigate chance processes and develop, use, and evaluate probability models; and
- (4) drawing inferences about populations based on samples.

Grade 7 Physical Education*Yearlong**This required course meets every other day throughout the school year in a 70-minute instructional period.*

The Middle School physical education program offers a wide selection of athletic activities which

serve to promote teamwork and cooperation, motor skill development, physical fitness, knowledge of rules, strategies of game play, and an appreciation of the importance of exercise for a healthy lifestyle. Emphasis is placed on active student participation in a broad range of activities, which include: Aquatics; Net games; Invasive games; Striking / Fielding games; Challenges.

Elective Courses

All Grade 7 students will be able to choose their elective classes. Their number of choices will depend on whether or not they are playing an instrument or taking a language. All Grade 7 elective classes are semester long courses.

Creative Arts

Dance

Dance 7*This course is offered every semester and can be taken both semesters*

In Dance 7 students will explore various movement styles, learning to differentiate between different genres of dance. Students will build technical skills in a variety of dance styles such as jazz, hip hop and cultural dances. Students will learn elements of dance, qualities of movement, choreographic concepts, and performance principles. Students will explore meaning in dance. They will be given the opportunity to collaborate with peers to develop & refine dance combinations that communicate personal or cultural meaning. Students will be assessed on their performance and choreographic skills. Each semester will incorporate both informal and formal performances.

Dance 7-1: Foundations & Culture*Offered semester 1*

The elements of dance will be explored through a variety of dance styles, with an emphasis on Jazz and Hip Hop. Students will also explore the Functions of Dance - Social, Artistic and Cultural. They will learn a variety of cultural dances such as Bollywood and Social Dances.

Dance 7-2: Foundations & Telling Stories through Dance*Offered semester 2, no prerequisite required*

Students will continue to explore the elements of dance through a variety of dance styles, with an emphasis on Jazz, Broadway and Hip Hop. This

course will also aim to develop creativity with movement. Students will experiment with meaning in dance and work collaboratively in an effort to tell a story through a dance composition project.

Drama

Drama 7*Semester*

This course focuses on ensemble work, with an emphasis on collaborative skills, games and theatre exercises. The work is designed to increase students' ability to focus their concentration and expand their creativity in a safe, comfortable and enjoyable learning environment. Students learn the basic elements of stage terminology and performance concepts during units that include a focus on improvisation, juggling and circus performance, genre specific script writing and performing for an audience.

Visual Arts

Printmaking 7*Semester*

This course will provide students with opportunities to expand upon their life-drawing skills, while being immersed in multiple printmaking practices, in particular drypoint. Using design elements and inquiry based research as guideposts, the students will have the artistic freedom to make compositional choices to create a series of original, inventive prints. Art history and art criticism will be connected with the printmaking process to enhance the students' experience, whilst working with this dynamic set of media.

Painting 7*Semester*

This course will provide students with opportunities to expand upon their gesture drawing skills, while being immersed in multiple painting techniques, in particular ink and watercolor. Using design elements and inquiry based research as guideposts, the students will have the artistic freedom to make compositional choices to create a series of original, inventive paintings. Art history and art criticism will be connected with the painting process to enhance the students' experience, whilst working with this dynamic set of media.

Sculpture 7*Semester*

This course will provide students with opportunities to expand upon their contour drawing skills, while being immersed in multiple sculptural techniques, with particular focus on wire and ceramics. Using design elements and inquiry based research as guideposts, the students will have the artistic freedom to make compositional choices to create a series of original, inventive sculptures. Art history and art criticism will be connected with the sculptural process to enhance the students' experience, whilst working with this dynamic set of media.

Vocal Music

Vocal Music 7*Semester*

This semester course is open to all Grade 7. Students will further their choral music education through a spiraled and sequential curriculum. The course will focus on developing their changing voice using proper vocal techniques, both individually and in ensemble work. They will study music-reading skills, learn part songs in preparation for concerts and build confidence as a performer. Songs will be selected from a wide variety of musical styles and genres suitable for Middle School students. This performing arts class requires all class members to perform at the end of each quarter.

Instrumental Music

Beginning Band*Yearlong*

This full-year course is open to all students in Grades 6 and 7, who will learn to play a musical instrument in a concert band setting. No previous

band experience is necessary. Students will develop in the areas of technique, ensemble skills, musical concepts, and perform a variety of musical styles/genres at the appropriate beginner level. An instrument orientation/selection process will be provided in order to create a balanced ensemble. Instrument rental is available through the school for those who do not purchase their own. Students are expected to participate in all rehearsals and performances.

Intermediate Band*Yearlong*

This full-year course is open to students in Grades 6 and 7, who will continue on their musical instrument in a concert band setting. One previous year of band is expected. Students will continue to develop in the areas of technique, ensemble skills, musical concepts, and perform a variety of musical styles/genres at the appropriate intermediate level. Instrument rental is available through the school for those who do not purchase their own. Students are expected to participate in all rehearsals and performances.

Beginning Strings*Yearlong*

This full-year course is open to all students in Grades 6 and 7 who are interested in learning violin, viola, cello or double bass. Students enrolling in this class are absolute beginners or would like to refresh their strings skills after some time away. By the end of the first year, students will be able to perform music at a Grade 2 level in a variety of classical styles, often together with other string ensembles in the Middle School. Students at the beginning level may rent school-owned instruments. As availability of rental instruments is limited, violinists and violists in particular are encouraged to purchase an instrument. As with all performing ensembles, concert performances are an expectation.

Intermediate Strings*Yearlong*

Two sections of this full-year course are offered to students enrolled in Grades 6 and 7. This course is available for students who have successfully completed the Suzuki Bach Minuets or equivalent, about 1-2 years of experience. As with all performing ensembles, home practice and concert performances are an expectation. Availability of rental instruments are limited and intermediate-level strings musicians are encouraged to purchase their own instruments.

Independent Studies

Project IMPACT

Semester

Project IMPACT is an elective course designed to empower students to pursue their passions and take positive action towards creating a better world. Students will dig deep into the U.N Sustainable Development Goals and use systems thinking tools and a design thinking approach to create a solution that will impact their local community. This will be a highly collaborative and interdisciplinary project, developing social intelligence, complex critical thinking and creative problem-solving. If you want to make a difference in the world, join Ms Merrigan & Mr Bowman on Project IMPACT.

Design Technology

Robotics 7

Semester 1 & 2

The robotics class allows students to explore the connections between problem solving, design, teamwork, coding and machines. Students will explore the subject using a broad range of technology and equipment working on individual projects and working in small teams. Projects will be based on problem solving tasks in a creative “hands on” environment giving students a great opportunity to develop as innovative problem solvers. Due to the self directed project based learning, students can choose to take both or either of Robotics 7 Semester 1 and 2.

Design Technology 7

Semester 1 & 2

Design and Technology has a unique focus on sustainable development, creativity, innovation and the successful implementation of ideas. In Design and Technology courses, students take the initiative in leading your own learning journey, combine practical and technological skills with creative thinking to make real world products and systems

that meet clearly identified needs. They learn to think creatively and intervene to solve problems as individuals and members of a team. Working in real world contexts, students identify problems and opportunities for innovation and respond with ideas, products and systems. Through design and technology students develop confidence in using practical skills and become discriminating inventors and users of products. Due to the self directed project based learning, students can choose to take both or either of Design and Technology 1 and 2.

Coding Electronics 7

Semester 1 & 2

Coding Electronics will focus on problem solving, innovation and evaluation. Learning will be hands on with students experiencing a broad range of Electronic projects and gaining a good working knowledge of the processes involved in Electronics and Coding. Students will gain valuable experience and gain a good insight into not only Electronics and Coding, but also Design Technology, and Engineering. Due to the self directed project based learning, students can choose to take both or either of Coding Electronics 7 Semester 1 and 2.

Modern Languages

Foreign Nationals: Taking a Bahasa Indonesian language course one time during Middle School will satisfy the Ministry of Education requirement for Indonesian Studies.

Indonesian Passport Holders: Must take a Bahasa & Sastra (Lit) course each year during Middle School.

French Mother Tongue (This class will run pending the number of participants)

French, Bahasa Indonesia, Mandarin & Spanish

Beginning

Yearlong

This year-long class is intended for 7th grade students with no or very little experience in the target language. Through a variety of units, students will acquire basic grammatical structures and communication skills. Students will also develop an understanding of the culture of the different regions/countries where the target language is spoken. By the end of the year, students will be able to: introduce themselves, understand and use simple phrases and sentences, ask and answer basic questions, communicate information about themselves, family, and friends.. After successfully

Developing

Yearlong

This year-long class is intended for 7th graders who have successfully completed their 6 - Beginning language class or the equivalent. Building on the knowledge acquired in grade 6, students will acquire more complex grammatical structures and will improve their communication skills. Students will further develop their understanding of the culture of the different regions where the target language is spoken. After successfully completing Gr. 7 - Developing, students will move on to Gr. 8 - Expanding.

Expanding

Yearlong

This year-long class is intended for 7th graders who have successfully completed the Gr. 6 - Developing

language class or the equivalent. Building on the knowledge acquired in grade 6, students in this class will further develop oral fluency, consolidate and expand grammatical structures and increase their confidence. Students will deepen their understanding of the culture of the different regions where the target language is spoken. After successfully completing Gr. 7 - Expanding, students will move on to Gr. 8 - Expanding.

Introduction to Indonesian Literature & Composition

Yearlong

This year-long class is intended for 8th graders who have successfully completed the 7 - Advanced class or students that are native speakers. Through a children's literature based curriculum, this class will give the students the opportunity to focus on the development and refinement of their reading, writing, listening and speaking skills. Students will also study different social issues, the development in Indonesia and the influence of the media. After successful completion of this class, students will be able to join Indonesian Literature and Composition 1 in the High School Language program.

French Mother Tongue & Native Classes

Yearlong

FLAM (French Mother Tongue- MS) This class will run pending the number of participants

This program is intended for students with mother tongue proficiency. While not a substitute for programs offered at the French Lycée, our course draws inspiration from aspects of the French National Curriculum while adhering to JIS's pedagogical approach and addressing the unique needs of our culturally diverse community. In this course students will benefit from a challenging, authentic, French language experience that draws on various aspects of francophone culture. This course is intended to prepare students for a mother-tongue learning experience at the high school level. Placement in this program will be based on the results of a language assessment and a home language survey.

For all Indonesian Passport Holders

Bahasa Indonesia & Civics (Pendidikan Pancasila dan Kewarganegaraan - PPKn)

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language course. Students will go deeper in topics pertaining to Pancasila, the state philosophy, and attain further knowledge about the government system. Students will also learn about human rights and citizenship issues in line with the Indonesian national curriculum.

Religion (Pendidikan Agama)

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language and Civics courses.

Grade Eight

Required Courses

English

In Grade 8 English, reading, writing, and oral communication are taught through the workshop model. Based on Columbia University's Teachers College Reading and Writing Project philosophy, teachers present content, model skills and strategies, and provide students with individualized feedback for growth. The goal of the workshop model is to develop competent, independent, and thoughtful readers, writers, speakers, and listeners.

In reading workshop, students are immersed in an assortment of fiction and nonfiction texts as they expand their comprehension, interpretation, and analytical skills with a variety of before, during, and after reading strategies. Interactive read aloud, mini-lessons, small group instruction, conferring sessions, book clubs, readers notebooks, and independent reading are the core workshop experiences. The Grade 8 reading units include an introduction to the life of a literary scholar, a study in author's craft, the character's journey and theme, and a study in nonfiction texts.

Writing workshop involves an inquiry-based approach to the study of a variety of writing genres, with students delving deep into the features of a genre while progressing through the writing process - brainstorming, planning, drafting, revising, conferring, editing, and publishing - to produce their own written pieces. The 6 Traits of Writing provide content for mini-lessons, supporting and guiding students throughout the process. The

writing genres studied in Grade 8 English include short fictional narratives, persuasive writing, literary analysis, and poetry.

Social Studies

All JIS Middle School students are enrolled in a full-year social studies course. Our approach to social studies learning is driven by inquiry into global issues, where we identify concepts and a compelling question that provides a pathway to guide the inquiry. Using illustrative content as a guide, we explore information, investigate ideas, and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories and demonstrate our knowledge and understanding by reflecting on the evidence and providing solutions to problems.

The grade eight social studies units are:

- Human Rights
- Conflict: A Case Study of Refugees
- Sustainability in Indonesia
- Cities of the Future

Science

All JIS Middle School students are enrolled in a full-year science course. Our approach to science learning is driven by inquiry, where we identify

concepts and a compelling question that provides a pathway to guide the inquiry in a laboratory setting. Along the way, we explore information, investigate ideas, conduct experiments and practice skills that lead to mastery. We organize new information and ideas in ways that help us see patterns, make connections and generate our own theories and predictions. Finally, we test our theories, provide solutions to problems, show our knowledge and demonstrate our understanding.

There are three areas that students will be assessed in Science: (1) Knowledge and Understanding, (2) Investigating and Communicating, and (3) Critical Thinking and Problem Solving

The Grade Eight Science Units are:

- How can I use chemical reactions to solve problems? (Chemistry of Chemical vs Physical Changes, Atomic Chemistry, Periodic Table of Elements)
- How can we solve problems of the world with energy transformations? (Physics of Energy Transfer & Transformations)
- Why does outer space matter? (The Earth, Moon, Sun System)
- What role do humans have in sustaining natural ecosystems? (Ecology and Sustainability of Ecosystems)
- Which vertebrates' organ systems make them best adapted for survival? (Biology of Body Systems: Comparison of the structures and functions of systems within the vertebrate classes)

Math

During Math 8, students will grapple with rich tasks that ask them to model the world around them using numerical, graphical, and symbolic representations. Our goal is for students to develop fluency through a balanced instructional approach consisting of problem solving challenges, constructivist lessons, and explicit instruction. The Standards for Mathematical Practice apply and, together with the content standards, call for students to experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Grade 8 focuses on three critical areas:

- (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations;
- (2) grasping the concept of a function and using linear, exponential and quadratic functions to describe and analyze quantitative relationships.
- (3) understanding geometric relationships in 2 and 3 dimensional space, including understanding and applying the Pythagorean Theorem.

Physical Education

This required course meets every other day throughout the school year in a 70-minute instructional period.

The Middle School physical education program offers a wide selection of athletic activities which serve to promote teamwork and cooperation, motor skill development, physical fitness, knowledge of rules, strategies of game play, and an appreciation of the importance of exercise for a healthy lifestyle. Emphasis in Semester one is placed on active student participation in a broad range of activities, which include: net games and Invasive games.

In semester two students take increasing ownership of their learning journey by selecting from a range of activities over 3 mini-courses.

Course 1 includes Intensive aquatic instruction, target games or striking / fielding games

Course 2 involves physical and mental challenges including Adventure based learning, Rock climbing, Aquatics or Archery.

Course 3 utilises the sports education model where students cooperatively learn a new sport and undertake various roles including training as players and learning how to officiate so that they can independently organise and run a student-led tournament.

Health

This is a semester long course

Our health course is a holistic program which aims to give students accurate and relevant information in the areas of physical, social, emotional, mental, spiritual and environmental health. We aim to develop the skills students need to make healthy and safe choices for the rest of their lives.

Students learn how to take positive action to enhance their own and others' health, safety and wellbeing. They do this as they examine values, beliefs, attitudes, opportunities, decisions, behaviours and actions.

Some of the topics covered in Grade 8 Health include:

- keeping healthy and safe
- first aid
- risky behaviour
- substance use and abuse (alcohol, tobacco and other drugs)
- healthy lifestyles
- nutrition and our habits
- the importance of sleep
- managing stress, anxiety and depression
- developing mentally healthy behaviours
- changing relationships
- sexuality and sexual health

Mindfulness is also incorporated into our classes as it complements learning and wellbeing; helping with stress management, resilience, improving attention & focus, as well as increasing empathy and awareness of negative emotional states.

The Middle School Health team is excited to be working with your child this year to help them achieve their goals and discover their true inner potential.

Creative Arts

Dance

Dance 8

This course is offered every semester and can be taken both semesters

In Dance 8 students will develop a greater understanding of movement and a stronger appreciation of all dance styles. Students will build technical dance skills in a variety of dance styles such as Contemporary, Hip Hop, Jazz, Tap and cultural dances. Students continue to learn elements of dance, qualities of movement, choreographic concepts, and performance principles. Students will be encouraged to express themselves through dance. Students will have the opportunity to collaborate with peers to develop & refine dance combinations focused on expressiveness and artistic intent. Assessment will be based on performance and choreographic elements. Each semester will incorporate both informal and formal performances.

Dance 8-1: Dance Performance & Culture

Offered semester 1

The elements of dance will be explored through a variety of dance styles, with an emphasis on Contemporary and Hip Hop. Students will also explore the Functions of Dance - Social, Artistic and Cultural. They will learn a variety of cultural dances.

Dance 8-2: Dance Performance & Expression through Dance

Offered semester 2, no prerequisite required

Students will continue to explore the elements of dance through a variety of dance styles, with an emphasis on Contemporary, Jazz, Tap and Hip Hop. This course will also aim to develop creativity with movement. Students will experiment with meaning in dance and be given the opportunity to express themselves creatively through a dance composition project.

Drama

Theatre Workshop 8

Semester

While continuing to emphasize the importance of the ensemble, this course focuses more specifically on character development, script interpretation, monologue and scene work. Students are exposed to a variety of theatrical styles and genres. We will study classic theatre styles of Ancient Greece and Elizabethan drama such as the plays of William Shakespeare. Students will be introduced to stage fighting, classical text delivery and the many

wonders of the classical stage. Students will work together to create their own performance piece. There is no prerequisite for this course except for a positive attitude.

Musical Theatre - A History

Semester-Team Taught Drama and Dance

Throughout this Musical Theatre class students will explore the work of the actor/singer/dancer and use their gained knowledge to develop as performers. This course allows students an opportunity to practice performance skills while exploring the history of musical theatre from its early days. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There is no prerequisite for this course except for a positive attitude.

Visual Arts

Sculpture

Semester

This course will focus on broadening contour drawing skills combined with multiple sculptural techniques, in particular with ceramics and mixed media. While extensively using the design elements and principles, students will be learning about these various sculptural processes through a series of experiments and projects. Preparatory work involves research and observed, expressive sketching designed to stimulate idea formation and the development of a personal style. Art history and the four steps of art criticism will be integrated within projects to enrich the sculptural experience.

Painting

Semester

This course will focus on broadening gesture drawing skills combined with multiple painting techniques, in particular spray paint on our graffiti wall. While extensively using the design elements and principles, students will be learning about these various painting processes through a series of experiments and projects. Preparatory work involves research and observed, expressive sketching designed to stimulate idea formation and the development of a personal style. Art history and the four steps of art criticism will be integrated within projects to enrich the painting experience.

Printmaking

Semester

This course will focus on broadening life-drawing skills combined with multiple printmaking techniques, in particular screen printing. While

extensively using the design elements and principles, students will be learning about these various printmaking processes through a series of experiments and projects. Preparatory work involves research and observed, expressive sketching designed to stimulate idea formation and the development of a personal style. Art history and the four steps of art criticism will be integrated within projects to enrich the printmaking experience.

Vocal Music

Advanced Vocal Performance 8

Yearlong

This full-year course is available to Grade 8 students that would like to continue developing their choral music education skills in a full-year vocal ensemble setting. Emphasis will be placed on development of individual vocal techniques and confidence in singing as well as ensemble singing skills. Students will also continue to develop in the areas of sight singing, music theory and musicianship skills while performing a wide variety of musical styles and genres at the appropriate level. This course requires all students to perform at the end of each quarter.

Vocal Performance 8

Semester

This one-semester Grade 8 Vocal Performance class is for students who enjoy singing and performing, but do not have time in their schedule for a full year of vocal. Emphasis will be placed on the further development of vocal techniques and confidence in singing. A wide range of repertoire from folk to popular music will generally be sung/arranged for 3-part mixed voices. Reading music and sight-singing is an integral part of this course. This performing arts class requires all class members to perform at the end of each quarter.

Instrumental Music

Advanced Band

Yearlong

This course will focus on broadening contour drawing skills combined with multiple sculptural techniques, in particular with ceramics and mixed media. While extensively using the design elements and principles, students will be learning about these various sculptural processes through a series of experiments and projects. Preparatory work involves research and observed, expressive sketching designed to stimulate idea formation and the development of a personal style. Art history and the four steps of art criticism will be integrated within projects to enrich the sculptural experience.

Advanced Strings

Yearlong

This full-year course is available only to students enrolled in Grade 8. Placement is based on students' interest, experience and ability. Beginners may not enroll in these classes. Students will study while performing a wide variety of music. In addition, an emphasis is placed on instrumental performance and musicianship skills. As with all performing ensembles, home practice and concert performances are an expectation. Students are encouraged to purchase an instrument.

Guitars for Beginners

Semester

This is an introductory course for those interested in learning how to play the guitar. Students will learn to strum chords, read music and pluck a melody. Emphasis will be placed on learning how to write original music, and various accompanying instruments will also be introduced. This class is a great opportunity to learn a skill that will last a lifetime, in a comfortable, safe environment. There will be an informal performance at the conclusion of the class.

Technology & Design

Robotics 8

Semester 1 & 2

The robotics class allows students to explore the connections between problem solving, design, teamwork, coding and machines. Students will explore the subject using a broad range of technology and equipment working on individual projects and working

in small teams. Projects will be based on problem solving tasks in a creative "hands on" environment giving students a great opportunity to develop as innovative problem solvers. Due to the self directed project based learning, students can choose to take both or either of Robotics 8 Semester 1 and 2.

Design Technology 8*Semester 1 and 2*

Design and Technology has a unique focus on sustainable development, creativity, innovation and the successful implementation of ideas. In Design and Technology courses, students take the initiative in leading your own learning journey, combine practical and technological skills with creative thinking to make real world products and systems that meet clearly identified needs. They learn to think creatively and intervene to solve problems as individuals and members of a team. Working in real world contexts, students identify problems and opportunities for innovation and respond with ideas, products and systems. Through design and technology students develop confidence in using practical skills and become discriminating inventors and users of products. Due to the self directed project based learning, students can choose to take both or either of Design and Technology 1 and 2.

Coding Electronics 8*Semester 1 and 2*

Coding Electronics will focus on problem solving, innovation and evaluation. Learning will be hands on with students experiencing a broad range of Electronic projects and gaining a good working knowledge of the processes involved in Electronics and Coding. Students will gain valuable experience and gain a good insight into not only Electronics and Coding, but also Design Technology, and Engineering. Due to the self directed project based learning, students can choose to take both or either of Coding Electronics 8 Semester 1 and 2.

Introduction to Indonesian Literature & Composition*Yearlong*

This year-long class is intended for 8th graders who have successfully completed the 7 - Advanced class or students that are native speakers. Through a children's literature based curriculum, this class will give the students the opportunity to focus on the development and refinement of their reading, writing, listening and speaking skills. Students will also study different social issues, the development in Indonesia and the influence of the media.

After successful completion of this class, students will be able to join Indonesian Literature and Composition 1 in the High School Language program.

French Mother Tongue & Native Classes*Yearlong*

French Mother Tongue (This class will run pending the number of participants)

This program is intended for students with mother tongue proficiency. While not a substitute for programs offered at the French Lycée, our course draws inspiration from aspects of the French National Curriculum while adhering to JIS's pedagogical approach and addressing the unique needs of our culturally diverse community. In this course students will benefit from a challenging, authentic, French language experience that draws on various aspects of francophone culture. This course is intended to prepare students for a mother-tongue learning experience at the high school level. Placement in this program will be based on the results of a language assessment and a home language survey.

Modern Languages

Foreign Nationals: Taking a Bahasa Indonesian language course one time during Middle School will satisfy the Ministry of Education requirement for Indonesian Studies.

Indonesian Passport Holders: Must take a Bahasa & Sastra (Lit) course each year during Middle School.

French Mother Tongue (This class will run pending the number of participants)

French, Bahasa Indonesia, Mandarin & Spanish**Beginning***Yearlong*

This year-long class is intended for 8th grade students with no or very little experience in the target language. Through a variety of units, students will acquire basic grammatical structures and communication skills. Students will also develop an understanding of the culture of the different regions where the target language is spoken. By the end of the year, students will be able to: introduce themselves, understand and use simple phrases and sentences, ask and answer basic questions, communicate information about themselves, family, and friends. After successfully completing this class, students will join the Level 2 class in High School Language Program.

Developing*Yearlong*

This year-long class is intended for 8th graders who have successfully completed their Gr. 7 - Beginning language class or the equivalent. Building on the knowledge acquired in grade 6, students will acquire more complex grammatical structures and will improve their communication skills. Students will further develop their understanding of the culture of the different regions where the target language is spoken. After successfully completing this class, students will join the Level 2 class in the High School Language Program.

Expanding*Yearlong*

This year-long class is intended for 8th graders who have successfully completed the grade 7 Developing language class or the equivalent. Building on the knowledge acquired in the Developing course, students in this class will further enhance their oral fluency, consolidate and expand grammatical structures, and increase their confidence in their productive skills. By the end of the year, students will be able to: express ideas and opinions effectively, in both oral and written form; expand on their expression through the use of more complex, detailed explanations; communicate opinions about their personal world and the world around them; extract information from more complex texts in written and audio formats; interchange verb tenses in the present, past, and future effectively. After successfully completing this course, students will be ready to enter the Level 3 class in the High School Language Program.

For all Indonesian Passport Holders**Indonesian Studies Portfolio Program***Yearlong*

The Indonesian Studies Portfolio Program is available to **grade 8 students only and is a **scheduled independent studies program** facilitated by an Indonesian faculty member.*

During this program, students are expected to study elements of Indonesian history, culture and language of modern Indonesia and showing their linguistic and cultural experiences while engaging with the host country of Indonesia. Student who select this option will be provided an overview of the program prior to beginning the **Indonesian Studies Portfolio Program**.

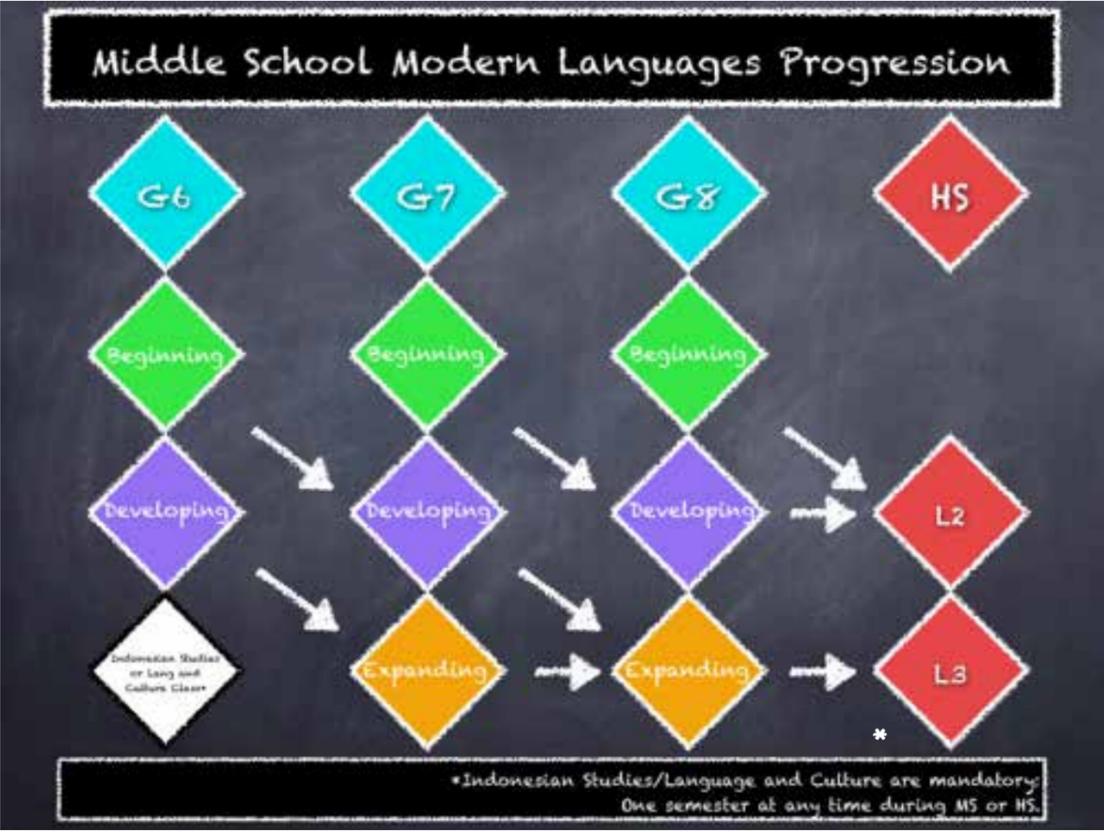
Bahasa Indonesia & Civics (Pendidikan Pancasila dan Kewarganegaraan - PPKn)

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language course. Students will go deeper in topics pertaining to Pancasila, the state philosophy, and attain further knowledge about the government system. Students will also learn about human rights and citizenship issues in line with the Indonesian national curriculum.

Religion (Pendidikan Agama)

This course is mandatory for Indonesian passport-holders and is to be taken as a companion course to an Indonesian Language and Civics courses.

Modern Language Progression



* Indonesian Studies / Language & Culture are mandatory: One semester at any time during MS or HS.





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