

MUTIARA INTERNATIONAL GRAMMAR SCHOOL



MIGS Junior School

TERM 1 CURRICULUM GUIDE

2017-18

YEAR 5

Welcome to the Junior School Curriculum Guide 2017-2018

The Junior School Curriculum Guide is designed to give you an overview of the curriculum that Mutiara International Grammar School offers to students in Year 1 to Year 6. The internationally recognised National Curriculum for England underpins the academic programme at Mutiara International Grammar School from Reception to Year 6. This comprehensive and high-quality curriculum promotes excellence and equity in education.

Our teaching and learning programmes are based on the National Curriculum for England 2014, modified and enhanced to ensure that students develop the knowledge, skills, values and dispositions.

Rigorous, relevant and engaging learning programmes are then drawn from the National Curriculum for England to make up the School Curriculum. The highly-researched and enriched School Curriculum addresses each student's individual learning needs, emphasising knowledge, understanding, skills, values and dispositions that will enable students to discover and fulfill their intellectual and personal potential to become successful citizens in the 21st Century.

Thus the School Curriculum takes into account

- the content of the National Curriculum for England 2014
- how the Curriculum is experienced, taught and assessed both inside and outside the School
- how the Curriculum is adapted and amended to engage all children, and meet the needs and abilities of all children
- value-added learning experiences based on best practices from around the world to enhance the National Curriculum

Teaching and learning methods and strategies, and assessment instruments are regularly reviewed and updated to reflect the latest educational research, and remain coherent to our School guiding statements.

We hope you find the information contained in this guide useful. Our aim is to help you understand better the work being performed by your children, which they will undoubtedly come home and discuss. For most of the subjects, reference to resources and the duration for each topic have been included. However, do take note that such information only serve as a guide and teachers may modify the sequence or duration of learning according to learners' needs.

The Stages of the National Curriculum for England

Stage	Year Group	Student's age
Foundation	Reception	4-5 years
Key Stage 1	Year 1	5-6 years
	Year 2	6-7 years
Key Stage 2	Year 3	7-8 years
	Year 4	8-9 years
	Year 5	9-10 years

	Year 6	10-11years
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Areas of Learning and Development

Under the umbrella of the National Curriculum for England (2014), the following subjects are offered:

English Language	Humanities (History & Geography)
Mathematics	Physical Education
Science	Physical, Social and Health Education
Music	Art & Craft
Choral Speaking	French
Computing	Mandarin

As a school registered with the Malaysian Ministry of Education, MIGS also commits to offer:

Bahasa Malaysia	Communication Malay
Islamic Studies	Sejarah (Malaysian History)

The Teaching for Learning Practice

“There is no fixed recipe for ensuring that teaching has the maximum effect on student learning and no set principles that apply to all learning for all students.”

However, there are several effective practices and guiding principles, as follows.

Key Principles of Teaching and Learning

- a) Learning activities are well planned, ensuring progress in the short, medium and long term. There is transparency in sharing learning objectives, learning outcomes and success criteria with students and parents.
- b) Teaching and learning activities must enthuse, engage and motivate students to learn, and foster their curiosity and enthusiasm for learning.
- c) Through assessment-driven teaching and learning, there is provision for support, repetition and extension of learning for each child, at each level of attainment.
- d) The learning environment is ordered, the atmosphere is purposeful and students feel safe.
- e) There are strong links between home and school, and the importance of parental involvement in their children's learning is recognised, valued and developed.

What Students must do ...

- aim to achieve goals and meet targets and respect the right of others to do the same
- take responsibility for their own learning and be proactive in using self and peer assessment techniques and redraft work where needed
- meet deadlines for completing work
- prepare appropriately for each lesson and maintain high expectations of themselves
- follow the school rules and regulations
- respond to teachers' comments in their work
- complete homework set

How Parents/Guardians can help ...

- work in partnership with the academic team in all aspects of their child's education
- support School initiatives which involve learning both in and out of School to raise student achievement
- encourage and support their child to work to meet or exceed their potential
- attend parent meetings to discuss their child's progress
- support completion of homework

Vision

Discovering Potential.

Learning to Care.

Respecting Differences.

Mission

“Our mission is to challenge each student to reach their full potential by offering an international curriculum that encourages students to become lifelong learners, develop intellectual curiosity and a thirst for innovation”

Client Charter

Mutiara International Grammar School will endeavor to:

- Provide opportunities in all aspects of the curriculum for students to reach their full potential.
- Provide best practice in Teaching and Learning.
- Provide a safe, caring, happy and conducive environment for all.
- Provide opportunities for the use of technology.
- Ensure that each child appreciates that serving and caring brings the highest rewards in life.
- Develop awareness for the need for stewardship of the earth's resources.



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Teachers-in-Charge

Head of School : Ms. Nancy Roch
Dep. Head of Junior School : Ms. Delphy Corray
Head of Curriculum : Ms Esther Nip

Subjects	Teachers-in-charge	
Classroom Teachers	Yr. 5R – Mr Bobby Sam	Yr. 5S – Ms Pavithra
English	Ms Pavithra	
Maths	Ms Sharon	
Science	Ms Emma Lee Yaacob	Ms Sharon
Geography	Mr Bobby	
History	Mr Bobby	Ms Pavithra
ICT	Ms Delphy Corray	
French	Dr Huocine	
Mandarin	Mr Yap Ah Chai	
Bahasa Malaysia	Ms Asma	
Communicational Malay	Ms Nabilah	
Islamic Studies	Mr Mohammed	
PSHE	Ms Nabilah	
Art	Ms Shafizah	
Music	Ms Lim Pui Ying	
PE	Mr Charlie	

English Language

Level: Year 5						
Unit	Topic/Themes	Reading and Comprehension	Writing workshop Genres	Spelling, Punctuation and Grammar (SPaG)	Speaking and Listening	Duration: 1-3 weeks
1	A world of adventures! World's oceans Spellings Bees Programme 11/9/2017 – 29/9/2017 (15 days)	<ul style="list-style-type: none"> • Fiction Adventure narrative • <i>Storm At Sea</i> • Fiction Fantasy narrative <i>The Miracle</i> • Science fiction/fantasy • <i>All Summer in a Day</i> 	<ul style="list-style-type: none"> • Fiction • Writing an adventure story Writing a sea narrative story 	<ul style="list-style-type: none"> • Unfamiliar words, definitions Similes and metaphors • Direct speech • Adverbs • Synonyms • Suffixes -ful, -al Spelling: adding -ing, • doubling consonants Using 'but' correctly • Words ending -er, -or, -ar 	<ul style="list-style-type: none"> • Talking confidently • Taking responsibilities 	Textbook pages: 8 to 25 Workbook pages: 4 to 11
2	Travels far and wide France, Mexico, USA Spellings Bees 2/10/2017 – 27/10/2017 (15 days)	Non-chronological report <ul style="list-style-type: none"> • <i>Life in the sea</i> • <i>It's all hot air</i> Information text <ul style="list-style-type: none"> • <i>The Origins of Chocolate</i> • Magazine article • <i>The golden ticket to outer space</i> 	<ul style="list-style-type: none"> • Non-fiction • Note taking • Non • chronological report writing 	<ul style="list-style-type: none"> • Commas Connectives Word roots Adverbs • Specialised • vocabulary 	<ul style="list-style-type: none"> • Questions – develop ideas and extend understanding • Organisation of ideas 	Textbook pages: 26 to 43 Workbook pages: 12 to 19
3	Closer to home Belgium, Canada, Jamaica, UK Spellings Bees 30/10/2017 – 24/11/2017 (20days)	Playscript <ul style="list-style-type: none"> • Drama <i>The Adventures of Tintin</i> Poetry Real-life poem <ul style="list-style-type: none"> • <i>Finding a friend, Kensington Market</i> Humorous list poem <ul style="list-style-type: none"> • <i>Words Are Ours</i> Fantasy <i>The Sugar-Plum Tree</i>	<ul style="list-style-type: none"> • Playscripts • Note taking • Writing a Cartoon strip story Writing a playscript 	<ul style="list-style-type: none"> • Playscript • dialogue • Rhymes 	<ul style="list-style-type: none"> • Group roles & responsibilities • Character ideas through drama • Performance poetry 	Textbook pages: 44 to 55 Workbook pages: 20 to 27
Test	Revise and Check Test by 30/11/2017		End of Term Assessment	Performance writing task	International day 27/11/2017 Term 1 break 8/12/2017-3/01/2018	

Mathematics

Level: Year 5	
Topic: Numbers to 999,999	Duration: Week 1 to Week 2
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• recognise the place value of each digit in numbers• read and write numbers up to 999,999• count on and count back• compare and order numbers up to 999,999,• round numbers to the nearest 10, 100 or 1000.	Textbook pages: 1 to 12 Workbook pages 1 to 15
Topic: Addition and Subtraction	Duration: Week 3
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• add and subtract numbers up to 4 digits• estimate answers in calculations	Textbook pages: 13 to 35 Workbook pages: 16 to 33
Topic: Multiplication and Division	Duration: Week 4 to 5
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• multiply 3-digit numbers by a 1-digit number• recognising the effects of multiplying and dividing numbers by 10s and 100s• multiply a 2-digit numbers by a 2-digit number• divide 2-digit and 3-digit numbers by a 1-digit number• calculate with brackets• solve word	Textbook pages: 61 to 85 Workbook pages: 58 to 86

Topic: Factors, Multiples, and Squared Numbers	Duration: Week 6 to Week 8
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • find factors of 2-digit numbers • recognise multiples of 5, 10, 25, 50 and 100 • apply tests of divisibility by 2, 5, 10 and 100 • recognise square numbers 	Textbook pages: 86 to 96 Workbook pages 87 to 99
Topic: Angles	Duration: Week 9 to 10
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • identify different types of angles • estimate and measure the size of an angle in degrees • calculate angles on a straight line 	Textbook pages: 36 to 46 Workbook pages: 34 to 42
Topic: Lines and Shapes	Duration: Week 11 to 13
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • identify perpendicular • identify parallel lines • visualise 3D shapes from nets 	Textbook pages: 47 to 60 Workbook pages: 43 to 57

Science

Level: Year 5	
Topic: Living Things and their Habitats	Duration: Week 1 to Week 6
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.• Describe the life process of reproduction in some plants and animals.•	Textbook pages: 1 to 19
Topic: Animals Including Humans	Duration: Week 7 to Week 11
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• Describe the changes as humans develop to old age.	Textbook pages: 20 to 29

French

Level: Year 5	
Unit 1 - Les Salutations (Greetings)	Duration: Week 1 to Week 2
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• do word search on greetings• write short phrases using greetings.• write short dialogues.• act on the role play using greetings.	Text book: Metro Book
Unit 2 - Les Couleurs (colors)	Duration: Week 3 to Week 4
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• translate the colours into English.• link the phrases with the colours.• have short dialogue on colours.• write short phrases regarding colours.	Text book: Metro Book
Unit 3 - Les Chiffres (numbers)	Duration: Week 5 to Week 7
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• count the numbers loudly.• do crossword puzzles and word search relating to numbers• discuss on situations where numbers are used.• read short sentences relating to numbers.	Text book: Metro Book

Unit 4 - Les sept jours de la semaine (Days of the week)	Duration: Week 8 to Week 9
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> ● link daily activities with days of the week. ● have basic conversations relating to days of the week. ● read and understand simple texts. ● answer questions relating to the text. 	Text book: Metro Book
Unit 5 - Les Mois (months)	Duration: Week 10 to Week 12
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> ● link pictures and phrases. ● have short conversation relating to months. ● revise and reinforce on this topic. ● reflect on the above topics. 	Text book: Metro Book

Mandarin

Level: Year 5	
Unit 1 - Family Members & Occupations	Duration: Week 1 to Week 2
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• name the family members & their occupations• draw a family tree name• read the text aloud correctly• listen, answer questions orally and in writing.	Text book pages: 1 to 7 Work book pages: 1 to 7
Unit 2 - Body Parts & adjectives	Duration: Week 3 to Week 4
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• describe one's physical outlook• write a short paragraph about own self• read the text with correct pronunciation• draw the body parts and label them	Text book pages: 8 to 13 Work book pages: 8 to 15
Unit 3 - Clothing	Duration: Week 5 to Week 7
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• talk about colours of the clothes.• describe on types of clothes• match the pictures with the correct words• write a short paragraph about one's favourite clothing	Text book pages: 14 to 21 Work book pages: 16 to 23

Unit 4 - Weather & seasons	Duration: Week 8 to Week 9
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • read the text silently • answer questions orally • write the correct answers based on the text • talk about the seasons in one's country 	Text book pages: 22 to 28 Work book pages: 24 to 30
Unit 5 - Climates	Duration: Week 10 to Week 12
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • read the text with correct intonations • answer questions orally based on the text read • match the words with correct pictures • name the activities carried out at respective time 	Text book pages: 29 to 38 Work book pages: 32 to 46

Bahasa Malaysia

Level: Year 5	
THEME 1 – SCHOOL Unit 1 - Let's Work Together	Duration: Week 1 to Week 2
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• observe pictures, listen to phrase and sentences• read and complete text based on the graphic materials.• underline and construct sentences containing words with prefixes.• underline phrases containing diphthong• write simple and compound sentences	Activity book pages: 1 to 4
Unit 2 - Being Helpful	Duration: Week 3 to Week 4
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• complete dialogue and construct paragraph statement• construct command sentences• identify common and collective nouns used for living things• construct sentences using the above• read, identify main ideas and write the main ideas in the flow chart	Activity book pages: 5 to 10

Unit 3 - Consensus is a Blessing	Duration: Week 5 to Week 7
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • listen, give verbal response to dialogue, construct and write answers. • observe and understand pictures • complete sentences and tell story • read text and provide reasoning • complete text with proper nouns for non-living things 	Activity book pages: 11 to 16
THEME 2 – SAFETY	
Unit 4 - Personal Safety	Duration: Week 8 to Week 9
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • complete dialogue with non-transitive verbs • provide response to the completed dialogue • complete text with digraph and joined consonants • read and combine sentences according to pictures 	Activity book pages: 17 to 20
Unit 5 - Safety Precautions	Duration: Week 10 to Week 12
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none"> • complete conversation based on pictures • read and understand text • construct interrogative sentences based on text. • complete text with simple sentences and suitable pronouns 	Activity book pages: 21 to 26

Music

Level: Year 5	
Topic: Vocal skills	Duration: Week 2 to Week 13
Concepts and Skills to be taught for this topic: It focuses on the development of the singing voices and other essential musical skills (listening skills, aural memory and physical skills) Students should be able to: <ul style="list-style-type: none">• Sing a range of songs• Use their voices in different ways• Listen to a variety of music and begun to recognise ways in which sounds are used	Songbook
Topic: Pitch and tone	Duration: Week 2 to Week 13
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">• Explore the effect of two or more pitched notes sounding together – harmony.• Sing a range of simple rounds in two parts• Have experience of playing a range of pitched percussion instruments, eg chime and tone bars, glockenspiels and xylophones	

Art & Design

Level: Year 5		
Fundamental Drawing & Graphic Design		
Concepts and Skills to be taught for this topic: <ul style="list-style-type: none"> • Explore, challenge, develop, and express ideas, using the skills, language, techniques, and processes of the arts. • The principles of design (pattern/repetition, variety, contrast, emphasis, rhythm/movement, balance, and unity) in the visual environment. • Create and/or present, collaboratively and independently, expressive products in the arts for a range of audiences and purposes. • Apply one or more of the elements and principles of design in creating artwork based on the senses and imagination • Media Literacy in Art: Understand how mass media (TV, film, radio, still images, and magazines) is influential, how it produces meaning, how it is organized, and how to use it wisely. 		Materials: Fundamental Drawing using Pencil drawing; 2B,3B,4B,5B,6B,7B,8B and cartridge drawing paper. Landscape painting using water based paint; water colour paint and water colour drawing paper. Graphic Designing using the Graphic Software: Adobe Illustrator CS, Adobe Photoshop.
Topic:	Elements of Art:	Duration:
Human Head	Fundamental Drawing	Week 1 to Week 3
Interior Drawing & Colour Tone- A Bedroom	Colour Wheel	Week 4 to Week 6
Landscape – Sunset	Water Colour Painting	Week 7 to Week 8
Coursework Topic 50%: <ul style="list-style-type: none"> • Man Made Objects (Table Setting Display) • Poster Ads 	Still Life Drawing Graphic Designing	Week 9 to Week 11 Week 12 to Week 14

PSHE

Level: Year 5	
Topic: 1 Health and safety	Duration: Week 2
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">● Learn about the alternative healthy meal and snack.● To identify the equipment needed for exercising.● To identify safety issues while exercising.	Workbook pages: 5 to 6
Topic: 2 Growing up	Duration: Week 3 to 4
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">● Create a portfolio of themselves and to be proud of it (magazine)● To understand how learning from mistakes is a part of growing up.	Workbook pages: 8 to 10
Topic: Feelings and emotions	Duration: Week 5
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">● To create small gesture to show appreciation to the people they value (card, poem)● To identify activities that they enjoy doing with friends and family and how they feel.	Workbook pages: 12 to 13
Topic: Duties, rights and responsibilities	Duration: Week 6 to 7
Concepts and Skills to be taught for this topic: Students should be able to: <ul style="list-style-type: none">● To discuss different situation and how to carry the responsibility.● To learn how to critic in positive manner.	Workbook pages: 22 to 23

<p>Topic: Community activities and participation</p>	<p>Duration: Week 8 to 9</p>
<p>Concepts and Skills to be taught for this topic: Students should be able to:</p> <ul style="list-style-type: none"> ● Why school rules are important. ● The differences of being truthful and lying ● The advantages of being truthful and consequences of lying. ● Understand concept of integrity and how to show it. 	<p>Workbook pages: 31 to 33</p>
<p>Topic: Bullying</p>	<p>Duration: Week 10 to 11</p>
<p>Concepts and Skills to be taught for this topic: Students should be able to:</p> <ul style="list-style-type: none"> ● Understand the different values of different relationship in life. ● How to respond politely and respecting other feelings. ● How to make people feel special and appreciated. 	<p>Workbook pages: 37 to 39</p>

Subjects	Geography	History	ICT	Communication Malay
Topics taught in Term 1	Water	Victorian times – <i>What was it for children living in Britain?</i>	Module 1 Documents for a purpose <ul style="list-style-type: none"> • Formatting text • Paragraph break • Inserting images • Tables • Numbering and bullets • Page setup • Revision exercise 	<ul style="list-style-type: none"> • Recollection - Previously Taught Topics • Family Members • Parts of Body and Adjectives • Clothing • Weather • Activities • Speaking and Listening Test

Subject	Islamic Studies	Physical Education
Topics taught in Term 1	<ul style="list-style-type: none"> • The Faith and Belief in Islam (the Qiyamah and Akhirah) • Charity in Islam • Hajj in Islam • Qur'an: The Holy Scripture of Islam • Surah Al –Asr and Al Ikhlas 	<ul style="list-style-type: none"> • Track and Field – running, jumping, throwing, rolling and catching • Games – fun multi-sport games • Fitness – stretching, warming up exercises, circuit training