

# M1

## Course Outline 2023-2024

### Introduction

August 2023

Dear Students and Parents,

In conjunction with the publication '[Welcome to the MYP](#)' available in the MYP section of the ISB website, this curriculum guide is designed to give both students and parents an overview of the MYP learning programme at ISB. Together these two publications aim to clarify the key areas of the teaching and learning that takes place at each grade level, as well as explain some of the philosophical ideas that underpin the programme and lay the foundation for our educational approach.

Our curriculum is organized according to the framework provided by the International Baccalaureate Middle Years Programme (IB MYP) and heavily influenced by our mission statement and core philosophy of learning through play.

The approach to teaching and learning in the MYP is student-centred and has a strong emphasis on 'learning how to learn'. Students develop a broad range of skills, knowledge, and understanding, which provides a solid basis for further studies at an upper secondary level.

While not covered directly in this guide, learning at ISB also involves a number of projects, Student Composed Schedule weeks and Interdisciplinary Units, which ISB considers powerful tools towards developing strong independent learners who are curious and intrinsically motivated to learn.

Our community and service projects are partly curricular and partly extra-curricular by nature and involve personal as well as class projects. The purpose is to encourage responsible citizenship, deepen the students' knowledge of the world around them and to increase intercultural awareness.

While the details in this publication are correct at the time of publication, the Middle Years Programme is dynamic and constantly evolving, hence details may be subject to change at any time. Students and parents will be informed of bigger changes or initiatives as they occur.

If you have comments or questions about the Middle School curriculum, you are always welcome to contact me on [tra@isbillund.com](mailto:tra@isbillund.com) or set up a meeting.

Sincerely,  
Tue

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## Course Outline 2023-2024

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### Language and Literature in English

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac.

### Aims and Objectives

The aims of MYP language and literature are to encourage and enable students to:

- use language as a vehicle for thought, creativity, reflection, learning, self-expression, analysis and social interaction
- develop the skills involved in listening, speaking, reading, writing, viewing and presenting in a variety of contexts
- develop critical, creative and personal approaches to studying and analysing literary and non-literary texts
- engage with text from different historical periods and a variety of cultures
- explore and analyse aspects of personal, host and other cultures through literary and non-literary texts
- explore language through a variety of media and modes
- develop a lifelong interest in reading
- apply linguistic and literary concepts and skills in a variety of authentic contexts.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Media & Factual Writing?	<ul style="list-style-type: none"> <li>• Interviews</li> <li>• Profiles (self written and in newspapers/magazines)</li> <li>• Representing the self online</li> </ul>	August - November
2. Poetry of Identity	<ul style="list-style-type: none"> <li>• Half Caste - John Agard</li> <li>• I Am - John Clare</li> <li>• I am African -(Wayne Visser/Puno Selesho)</li> <li>• Still I rise - Maya Angelou</li> <li>• Identity poetry from around the world</li> </ul>	November- February
3. Stories through Place and Time	<ul style="list-style-type: none"> <li>• Anthology: Thor (Scandinavia), Savriti (India), The Great Bell of Peking (China), The Monkey who would be King (China), Geriguaguiatugo (Brazil) Death and The Boy (West Africa)</li> </ul>	February-June

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### Main resources

We do not use a single set textbook in this subject, but rather a collection of resources, many of which are of teachers own creation and disseminated on Google Classroom. Our major texts are detailed in the Unit table above.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment:

Assessment criteria, Language and Literature		
Students grades will be made up of marks from the following criteria		
Criterion A	Analysing	Maximum 8
Criterion B	Organizing	Maximum 8
Criterion C	Producing text	Maximum 8
Criterion D	Using Language	Maximum 8

### Major Assessment tasks

- Task 1: Transform a first person account in to a third person report
- Task 2: Interview with someone to achieve a purpose
- Task 3: Create a social media profile and annotate representation
- Task 4: Select a poem that speaks to you and create a poster that conveys its meaning to an audience
- Task 5: Write and perform a poem to reflect your own identity
- Task 6: Organise a Point, Evidence, Explain paragraph
- Task 7: Analytical essay: how are female characters/death presented in two of the stories we read?
- Task 8: Create an extract from a story to reflect the culture of your choice

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

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### English Language Acquisition

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac.

In English Language Acquisition, there will be two foci; English language skills (Speaking, Listening, Reading and Writing) and the development of skills and knowledge of literature. They will be studying the same breadth of literature as students in the English Language and Literature class although they may not reach the same level of detail in regard to context or literary techniques.

This parallel course structure will continue to enhance students' literature skills levels and allow them to transfer onto the Language and Literature course when they are ready and at the latest in M4 so they are ready to sit the MYP exams in M5, as per IB MYP requirements.

The Language Acquisition classes will be assessed according to Phase 4 criteria of the Language Acquisition course which is the level just below native fluency.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Media: Factual Writing?	<ul style="list-style-type: none"> <li>Interviews about self representation</li> <li>Fakebook Profiles for Harry Potter and Malala (self written and in newspapers/magazines)</li> <li>Sentence structuring and a letter format</li> <li>Punctuation</li> <li>Verb tenses</li> </ul>	August - November
2. The Poetry of Identity	<ul style="list-style-type: none"> <li>Poetry techniques</li> <li>Poetry for language development</li> <li>Expression of one's culture and poem analysis</li> <li>Sentence structures in a poem (punctuation patterns)</li> <li>Verb tenses</li> </ul>	November- March
3. Stories through Place and Time	<ul style="list-style-type: none"> <li>TEDx Greek Myths</li> <li>Pandora's Box</li> <li>The Cambodian Myth of Lightning and Thunder</li> <li>Bawang Putih and Bawang Merah</li> <li>The Giant's Causeway</li> <li>Conjunctions</li> <li>Language and techniques for comparing and contrasting</li> </ul>	March-June

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## Course Outline 2023-2024

### Main resources

We do not use a single set textbook, but rather a collection of resources, many of which are of teachers' own creation and disseminated on Google Classroom. Our major texts are detailed in the Unit table above.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment

Assessment criteria, Language and Literature		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Listening	Maximum 8
<b>Criterion B</b>	Reading	Maximum 8
<b>Criterion C</b>	Speaking	Maximum 8
<b>Criterion D</b>	Writing	Maximum 8

### Major Summative and Formative Assessment tasks

- Task 1: Interview a friend
- Task 2: Write a letter to introduce a friend
- Task 3: Annotate a Facebook page. Present the work
- Task 4: Reading Comprehension
- Task 5: Listening Comprehension
- Task 6: Reading comprehension about a poem
- Task 7: Choose a poem and annotate to show poetry techniques
- Task 8: Listening Comprehension: Maya Angelou *Still I Rise*
- Task 9: Make your own poem and write to explain choices.
- Task 10: Listening comprehension task: Cambodian myth
- Task 11: Reading Comprehension: Bawang Merah, Bawang Putih
- Task 12: Speak to present ideas on Justice in The Little Mermaid

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

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### Danish Language and Literature

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. Furthermore, the Danish Language and Literature course at ISB follows the aims and objectives set for the subject from Danish state authorities.

#### Aims and Objectives

The aims of MYP language and literature are to encourage and enable students to:

- use language as a vehicle for thought, creativity, reflection, learning, self-expression, analysis and social interaction
- develop the skills involved in listening, speaking, reading, writing, viewing and presenting in a variety of contexts
- develop critical, creative and personal approaches to studying and analysing literary and non-literary texts
- engage with texts from different historical periods and a variety of cultures
- explore and analyse aspects of personal, host and other cultures through literary and non-literary texts
- explore language through a variety of media and modes
- develop a lifelong interest in reading
- apply linguistic and literary concepts and skills in a variety of authentic contexts.

#### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Barske børnefortællinger	<ul style="list-style-type: none"> <li>• Main text: <ul style="list-style-type: none"> <li>○ Mette Hegnhøj Mortensen "Møgungen"</li> </ul> </li> <li>• Knowledge and skills: <ul style="list-style-type: none"> <li>○ Billedanalyse</li> <li>○ Personkarakteristik</li> <li>○ Tema</li> </ul> </li> </ul>	August - November
2. Fagtekster fanger	<ul style="list-style-type: none"> <li>• Main text: <ul style="list-style-type: none"> <li>○ Forskellige typer af fagtekster</li> <li>○ "Fagtekster fanger", Dansk lærerforening</li> </ul> </li> <li>• Knowledge and skills: <ul style="list-style-type: none"> <li>○ Fakta vs. fiktion</li> <li>○ Genrekendskab (fagtekster)</li> <li>○ Læseforståelse</li> <li>○ Skriveteknikker</li> </ul> </li> </ul>	November - March
3. Når de voksne svigter	<ul style="list-style-type: none"> <li>• Main text: <ul style="list-style-type: none"> <li>○ Bent Haller "Hønsepigen"</li> <li>○ Bent Haller noveller</li> </ul> </li> <li>• Knowledge and skills: <ul style="list-style-type: none"> <li>○ Personkarakteristik</li> <li>○ Showing and telling</li> <li>○ Idiommer</li> <li>○ Intertekstualitet</li> <li>○ Tema</li> </ul> </li> </ul>	Marts - June

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### Main resources

We use the workbook *Fagtekster fanger* and different learning websites including dansk.alinea.dk. For grammar and spelling exercises we use the textbook system Dansk Direkte, CampStavning, Alinea Turbo and grammatip.com. To support your child's reading progression, we expect that all students have access to the online library website *E-reolen.dk*, where audio books as well as online books are available. To get access to this, the students have to visit their local library.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks. In Danish, students will receive monthly grammar tasks to be handed in by the end of every month. Furthermore, the students will have to read 15 min. every day at home. We will provide a reading record where parents can sign off the students' reading progress at home.

### Assessment

Assessment criteria, Language and Literature		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Analysing	Maximum 8
<b>Criterion B</b>	Organizing	Maximum 8
<b>Criterion C</b>	Producing text	Maximum 8
<b>Criterion D</b>	Using Language	Maximum 8

### Major Assessment tasks:

- Task 1: Lav din egen billedfortælling
- Task 2: Skriv en fagtekst
- Task 3: Analyser en fagtekst
- Task 3: Forfatterportræt

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.



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### Spanish Acquisition

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. Spanish acquisition place students in phases suitable to individual needs, hence students in one class might be placed in different phases and receive differentiated instruction. The MYP language acquisition global proficiency table is used by teachers to place students in the correct phases and is included after the language acquisition section in this document.

### Aims and Objectives

The aims of the teaching and learning of MYP language acquisition are to:

- gain proficiency in an additional language while supporting maintenance of their mother tongue and cultural heritage
- develop a respect for, and understanding of, diverse linguistic and cultural heritages
- develop the student's communication skills necessary for further language learning, and for study, work and leisure in a range of authentic contexts and for a variety of audiences and purposes
- enable the student to develop multiliteracy skills through the use of a range of learning tools, such as multimedia, in the various modes of communication
- enable the student to develop an appreciation of a variety of literary and non-literary texts and to develop critical and creative techniques for comprehension and construction of meaning
- enable the student to recognize and use language as a vehicle of thought, reflection, self-expression and learning in other subjects, and as a tool for enhancing literacy
- enable the student to understand the nature of language and the process of language learning, which comprises the integration of linguistic, cultural and social components
- offer insight into the cultural characteristics of the communities where the language is spoken
- encourage an awareness and understanding of the perspectives of people from own and other cultures, leading to involvement and action in own and other communities
- foster curiosity, inquiry and a lifelong interest in, and enjoyment of, language learning.

### The outline for the units taught this year in M1

#### Phase: 1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Así soy yo	Saludos y presentaciones Números 1-20 Familia Nacionalidad Colores Partes del cuerpo Singular y plural. Verbos regulares (basic actions) Verbos irregulares (Ser/Estar/Tener) Adjetivos Género de las palabras.	August - November
2. Tradiciones y países	Tradiciones en España y América latina. Comida y platos tradicionales. La ropa	November- February

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	El clima Verbos irregulares (Ir) Artículos determinados e indeterminados Adjetivos descriptivos	
3. Vida cotidiana y en la escuela.	La escuela Los días de la semana Números de 0-100 La hora Asignaturas y pasatiempos Verbos reflexivos Adverbios de lugar Estructura gramatical de las frases (word order)	February - June

### Main resources

We do not use a single set textbook in this subject, but rather a collection of online and offline resources, many of which are of teachers' own creation and are posted on Google Classroom and other platforms.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment

Assessment criteria, Spanish acquisition		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Listening	Maximum 8
<b>Criterion B</b>	Reading	Maximum 8
<b>Criterion C</b>	Speaking	Maximum 8
<b>Criterion D</b>	Writing	Maximum 8

### Major Assessment tasks:

- Task 1: Mi personaje (Final submission and presentation)
- Task 2: Tradiciones (Final submission and presentation)
- Task 3: Mi rutina diaria (Final submission and presentation)

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

### Additional comments:

The objectives and the assessment criteria prioritizes growth over proficiency. Thus, by using a subject specific rubric, students set their own individual expectations in relation to the assessment criteria.

Students on higher phases will be taught the same units with differentiated materials.

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## Course Outline 2023-2024

### German Acquisition

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. German acquisition places students in phases suitable to individual needs, hence students in one class might be placed in different phases and receive differentiated instruction. The MYP language acquisition global proficiency table is used by teachers to place students in the correct phases and is included after the language acquisition section in this document.

### Aims and Objectives

The aims of the teaching and learning of MYP language acquisition are to:

- gain proficiency in an additional language while supporting maintenance of their mother tongue and cultural heritage
- develop a respect for, and understanding of, diverse linguistic and cultural heritages
- develop the student's communication skills necessary for further language learning, and for study, work and leisure in a range of authentic contexts and for a variety of audiences and purposes
- enable the student to develop multiliteracy skills through the use of a range of learning tools, such as multimedia, in the various modes of communication
- enable the student to develop an appreciation of a variety of literary and non-literary texts and to develop critical and creative techniques for comprehension and construction of meaning
- enable the student to recognize and use language as a vehicle of thought, reflection, self-expression and learning in other subjects, and as a tool for enhancing literacy
- enable the student to understand the nature of language and the process of language learning, which comprises the integration of linguistic, cultural and social components
- offer insight into the cultural characteristics of the communities where the language is spoken
- encourage an awareness and understanding of the perspectives of people from own and other cultures, leading to involvement and action in own and other communities
- foster curiosity, inquiry and a lifelong interest in, and enjoyment of, language learning.

### The outline for the units taught this year in M1:

#### Phase: 1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Das bin ich	Begrüßung sich vorstellen und beschreiben Familie Nationalitäten Tiere Zahlen 0 bis 20 Farben relevante Alltagsbegriffe	August - November

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2. Unsere Traditionen	Traditionen in Deutschland Essen und Gerichte relevante kulinarische Vokabeln Wetter und Jahreszeiten	November - February
3. Unsere Schule	Schule in Deutschland Zahlen von 0 bis 100 relevante Schulvokabeln	February - June

### Main resources

In this subject we use the textbook “Zoom Deutsch 1” for most of the Units as well as “Pirana” for a few Units (in Phase 1). Apart from that, the teacher creates her own resources, which are disseminated on Google Classroom.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student’s problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment:

Assessment criteria, German acquisition		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Listening	Maximum 8
<b>Criterion B</b>	Reading	Maximum 8
<b>Criterion C</b>	Speaking	Maximum 8
<b>Criterion D</b>	Writing	Maximum 8

Each topic will be finalized with a major assessment task addressing the relevant Assessment Criteria for German Language Acquisition. Students will be given detailed information about the specific tasks, due dates, expectations, and which criteria are being marked for each assessment task.

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### Danish Acquisition

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. Danish acquisition place students in phases suitable to individual need, hence students in one class might be placed in different phases and receive differentiated instruction. The MYP language acquisition global proficiency table is used by teachers to place students in the correct phases and is included after the language acquisition section in this document. Students who progress to phase 5 or 6 will be considered for the Danish Language and Literature course at the discretion of the teacher.

### Aims and Objectives

The aims of the teaching and learning of MYP language acquisition are to:

- gain proficiency in an additional language while supporting maintenance of their mother tongue and cultural heritage
- develop a respect for, and understanding of, diverse linguistic and cultural heritages
- develop the student's communication skills necessary for further language learning, and for study, work and leisure in a range of authentic contexts and for a variety of audiences and purposes
- enable the student to develop multiliteracy skills through the use of a range of learning tools, such as multimedia, in the various modes of communication
- enable the student to develop an appreciation of a variety of literary and non-literary texts and to develop critical and creative techniques for comprehension and construction of meaning
- enable the student to recognize and use language as a vehicle of thought, reflection, self-expression and learning in other subjects, and as a tool for enhancing literacy
- enable the student to understand the nature of language and the process of language learning, which comprises the integration of linguistic, cultural and social components
- offer insight into the cultural characteristics of the communities where the language is spoken
- encourage an awareness and understanding of the perspectives of people from own and other cultures, leading to involvement and action in own and other communities
- foster curiosity, inquiry and a lifelong interest in, and enjoyment of, language learning.

### The outline for the units taught this year in M1

#### Phase 1-2, 3-5

Topic/Unit Name	Main Content	Tentative Time Frame
1. Skole og fritid	DR Ultra (Klassen, Pendlerkids) Ordforråd, kalender, skema, faciliteter, værdier, globale sammenligninger, en god skole TV-programmer Film Fritid med venner	August - October

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	Tidligere og fremtidige hobbyer Sportsgrene Tidligere og fremtidige sportsbegivenheder Kendte danske sportsudøvere Daglige rutiner Navneordsendelser	
2. Spisetid	Ord om mad Bydeform (imperativ) Læse og skrive opskrifter At bestille mad på en restaurant At læse en menu Køkkenredskaber Bagedysten	November - March
3. Dyr og natur	Fagtekster om dyr og natur Danske dyrearter Dyr i andre lande Levesteder Kæledyr Beskrivende sprog Tillægsord	March - June

### **Major Assessment tasks:**

Each topic will be finalized with a major assessment task addressing the relevant Assessment Criteria for Danish Language Acquisition. Students will be given detailed information about the specific tasks, due dates, expectations, and which criteria are being marked for each assessment task.

### **Main resources**

We do not use a single set textbook in this subject, but rather a collection of resources, many of which are of teachers own creation and disseminated on paper or Google Classroom.

### **Homework**

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### **Assessment**

<b>Assessment criteria, Danish acquisition</b>		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Listening	Maximum 8
<b>Criterion B</b>	Reading	Maximum 8
<b>Criterion C</b>	Speaking	Maximum 8
<b>Criterion D</b>	Writing	Maximum 8

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### MYP language acquisition global proficiency table

Emergent communicator	
Phase 1	Phase 2
<ul style="list-style-type: none"> <li>Understand and respond to simple phrases, statements and questions.</li> <li>Identify basic messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and demonstrate their comprehension in simple oral and written phrases.</li> <li>Convey basic information in a limited range of everyday situations, using oral and written language appropriate to a very limited range of interpersonal and cultural contexts.</li> <li>Begin to be aware that language use is connected to a purpose and an audience.</li> </ul>	<ul style="list-style-type: none"> <li>Understand and respond to simple spoken and written texts.</li> <li>Identify messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and demonstrate their comprehension in short oral and written form.</li> <li>Interact to share information in a limited range of familiar situations, using basic language appropriate to a limited range of interpersonal and cultural contexts.</li> <li>Be aware that language varies according to purpose and audience.</li> </ul>
Capable communicator	
Phase 3	Phase 4
<ul style="list-style-type: none"> <li>Understand and respond to a limited variety of spoken and written texts.</li> <li>Understand specific information, main ideas and some detail presented in oral, visual and written language, and demonstrate their comprehension in a limited range of oral and written forms.</li> <li>Engage in conversation and write structured text to express their ideas, opinions and experiences in a range of familiar and some unfamiliar situations, in a limited range of interpersonal and cultural contexts.</li> <li>Understand that they can speak and write in different ways for different purposes and audiences.</li> </ul>	<ul style="list-style-type: none"> <li>Capable communicators in phase 4 understand and respond to a variety of spoken and written texts.</li> <li>Interpret specific information, main ideas and some detail presented in complex oral, visual and written language, draw conclusions and recognize implied opinions and attitudes in texts read and viewed.</li> <li>Engage in conversation and write structured text to share informative and organized ideas on topics of personal interest and global significance, in a range of interpersonal and cultural contexts.</li> <li>Can communicate substantial information containing relevant and developed ideas and justified opinions on events, experiences and some concepts explored in class.</li> <li>Identify aspects of format and style, and speak and write with a clear sense of audience and purpose.</li> </ul>
Proficient communicator	
Phase 5	Phase 6
<ul style="list-style-type: none"> <li>Analyse specific information, ideas, opinions and attitudes presented in oral, visual and written language.</li> <li>Draw conclusions, infer information and recognize implied opinions and attitudes.</li> <li>Respond and react to questions and ideas in a range of spoken, visual and written texts.</li> <li>Engage actively in conversations in social and some academic situations to contribute substantial information containing relevant and focused ideas supported by examples and illustrations.</li> <li>Organize information and ideas into a clear and effective structure to express their understanding and opinions on topics of personal interest and global significance.</li> <li>Interpret aspects of format and style, and are able to adapt register and style of language to suit the context.</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate the important information, details and ideas presented in spoken, written and visual language in social and academic contexts.</li> <li>Analyse the information, draw conclusions and make inferences about ideas, opinions and attitudes implied in a wide range of spoken, visual and written texts.</li> <li>Engage actively in conversations in social and academic situations to contribute substantial information and give detailed analysis and explanation.</li> <li>Organize information and ideas logically and effectively to communicate their understanding, opinions and perspectives to a wide range of audiences, and for a variety of social and academic purposes.</li> </ul>

Adapted from *Middle Years Programme language acquisition guide, for use from September 2014 or January 2015*

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## Course Outline 2023-2024

### Mathematics

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac.

#### Aims and Objectives

The aims of MYP mathematics are to encourage and enable students to:

- enjoy mathematics, develop curiosity and begin to appreciate its elegance and power
- develop an understanding of the principles and nature of mathematics
- communicate clearly and confidently in a variety of contexts
- develop logical, critical and creative thinking
- develop confidence, perseverance, and independence in mathematical thinking and problem-solving
- develop powers of generalization and abstraction
- apply and transfer skills to a wide range of real-life situations, other areas of knowledge and future developments
- appreciate how developments in technology and mathematics have influenced each other
- appreciate the moral, social and ethical implications arising from the work of mathematicians and the applications of mathematics
- appreciate the international dimension in mathematics through an awareness of the universality of mathematics and its multicultural and historical perspectives
- appreciate the contribution of mathematics to other areas of knowledge
- develop the knowledge, skills and attitudes necessary to pursue further studies in mathematics
- develop the ability to reflect critically upon their own work and the work of others.

#### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Number Manipulation	<ul style="list-style-type: none"> <li>• Identify Natural numbers and Integers with set notation.</li> <li>• Understand Place Value</li> <li>• Add two numbers with a written method</li> <li>• Subtract two numbers with a written method</li> <li>• Multiply two numbers with a written method (3 digits)</li> <li>• Understand that multiplication and division are inverses of each other.</li> <li>• Divide two numbers with a written method (2 digits max)</li> <li>• Know the divisibility rules for 2, 3, 5 and 10. (more if possible)</li> <li>• Understand how exponents are used</li> <li>• Multiply and divide whole numbers by 10, 100 and 1000 and understand any rules formed.</li> <li>• Understand a negative number is the inverse/opposite to a positive number</li> <li>• Place negative numbers in order</li> <li>• Add and subtract negative numbers</li> <li>• Multiply negative numbers</li> <li>• Divide negative numbers</li> <li>• Use negative numbers in the real world (e.g. temperature, debt,</li> </ul>	August - December



# M1

## Course Outline 2023-2024

	<ul style="list-style-type: none"> <li>etc)</li> <li>I understand when and why using brackets is important in a calculation.</li> <li>Understand Order of Operations (BIDMAS/GEMS/etc)</li> </ul>	
2. Number Exploration	<ul style="list-style-type: none"> <li>Understand the place value of decimals</li> <li>Multiply and divide whole numbers by 10, 100 and 1000 and understand any rules formed</li> <li>I can order decimals</li> <li>Add and subtract decimals</li> <li>Multiply decimals</li> <li>Divide decimals</li> <li>Round decimals to the nearest whole number</li> <li>Round decimals to one decimal place.</li> <li>Round numbers to significant figures.</li> <li>Give decimal answers to division questions</li> <li>Use estimation to make sense of my answers.</li> <li>Understand what a factor is</li> <li>Find the factor pairs of a number</li> <li>Find the multiples of a number</li> <li>Recognise odd, even and Prime Numbers</li> <li>Find the Highest Common Factor</li> <li>Find the Lowest Common Multiple</li> <li>Find the Prime Factors</li> <li>Understand square and cube numbers and their inverse (roots)</li> </ul>	January - Mid March
3. Fractions, Decimals & Percentages	<ul style="list-style-type: none"> <li>Use fractions to describe a proportion of something</li> <li>Understand the concept of an equivalent fraction</li> <li>Put fractions in order</li> <li>Understand that a fraction also represents division</li> <li>Simplify fractions to their lowest form.</li> <li>Find a fraction of an amount.</li> <li>Change mixed numbers to improper fractions.</li> <li>Add and subtract fractions</li> <li>Multiply &amp; divide fractions</li> <li>Convert between simple fractions and decimals without a calculator.</li> <li>Convert decimals into fractions.</li> <li>Understand percentages</li> <li>Convert Percentages to Fractions</li> <li>Convert Percentages to Decimals</li> <li>Convert Fractions to Percentages</li> </ul>	March - June
4. Algebra	<ul style="list-style-type: none"> <li>Understand the idea of a variable in an expression.</li> <li>Understand the difference between an expression and an equation</li> <li>Evaluate an algebraic expression through substitution.</li> <li>Understand the basic language of algebra.</li> <li>Simplify algebraic expressions by collecting like terms.</li> <li>Describe a rule which takes inputs to outputs using algebra.</li> <li>Understand that inputs and outputs can be represented on a co-ordinate grid.</li> <li>Understand that an equation of a line is a rule which allows you to find any co-ordinate on that line.</li> <li>Find the gradient and y-intercept of a diagonal line by inspection.</li> <li>Construct diagonal lines on the co-ordinated grid through</li> </ul>	

# M1

## Course Outline 2023-2024

	<p>knowledge of gradient and y-intercept.</p> <ul style="list-style-type: none"> <li>• Know the difference between solving an equation and substituting into an equation.</li> <li>• Solve linear equations with an unknown on one side.</li> <li>• Work backwards and create my own equations given a solution.</li> <li>• Know how to use basic excel</li> <li>• Know how to use a formula in excel</li> </ul>	
5. Geometry	<ul style="list-style-type: none"> <li>• I understand what perimeter means.</li> <li>• I can find the perimeter of squares, rectangles and triangles.</li> <li>• I can find the perimeter of L and T shapes.</li> <li>• I can find the area of squares, rectangles and triangles.</li> <li>• I can find the area of L and T shapes.</li> <li>• I can estimate the size of an angle.</li> <li>• I can label an angle as acute, obtuse, reflex or right angled.</li> <li>• I can calculate missing angles on a straight line and around a point.</li> <li>• I have an understanding of why a triangle has an angle sum of 180 degrees.</li> <li>• I can calculate missing angles in a triangle.</li> <li>• I understand why a quadrilateral has an angle sum of 360 degrees.</li> <li>• I can calculate missing angles in quadrilaterals.</li> <li>• I understand the difference between line and rotational symmetry.</li> <li>• I can construct patterns using rotational symmetry.</li> </ul>	

### Main resources

'MYP by Concept 1, Mathematics'. Supplemented with 'International Mathematics for the Middle years 1' and a variety of online resources. In Maths OneNote is the main platform.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy.

### Assessment

Assessment criteria, Mathematics		
Students grades will be made up of marks from the following criteria		
Criterion A	Knowing and understanding	Maximum 8
Criterion B	Integrating patterns	Maximum 8
Criterion C	Communicating	Maximum 8
Criterion D	Applying Mathematics in real-world contexts	Maximum 8

### Major Assessment tasks

For all units, there will be a Unit test and small explorations for assessing students against the criteria. Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

# M1

## Course Outline 2023-2024

### Individuals and Societies

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. The IS course at ISB is taught as an integrated humanities course including aspects of History, Geography, Economy, Sociology and Religion.

### Aims and Objectives

The aims of MYP individuals and societies are to encourage and enable students to:

- appreciate human and environmental commonalities and diversity
- understand the interactions and interdependence of individuals, societies and the environment
- understand how both environmental and human systems operate and evolve
- identify and develop concern for the well-being of human communities and the natural environment
- act as responsible citizens of local and global communities
- develop inquiry skills that lead towards conceptual understandings of the relationships between individuals, societies and the environments in which they live.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Sources of History	<b>Online Reasoning &amp; Critical Thinking:</b> developing research skills, reliability/bias, documenting, <b>Sources:</b> Primary & Secondary sources, source analysis, <b>Cold Cases:</b> solving cold cases of crime and murder.	August - November
2. Ancient Greece	<b>Geography and the settlement of Greece:</b> The rise of democracy (Monarchy, oligarchy, tyranny, and democracy), The city states of Greece, <b>Greece Warfare &amp; Culture:</b> The Persian war, The Olympics, Greek Religion, Science, Art and Architecture. <b>Influences Today:</b> impact of Greek thinking on contemporary society.	December - March
3. Violent Earth	<b>Historical disaster(s):</b> Pompeii Case study <ul style="list-style-type: none"> <li>• what historians can learn from disaster,</li> </ul> <b>UN Millenium Development &amp; Global Goals</b> <ul style="list-style-type: none"> <li>• what are they &amp; how are they different?</li> <li>• are things really that bad?</li> </ul> <b>What does 'sustainable development' mean?</b> <b>Why should Global Goals matter to me?</b> <ul style="list-style-type: none"> <li>• How and why are they connected?</li> <li>• how understanding interconnectedness helps us to find solutions to the problems surrounding them.</li> </ul>	April - June

# M1

## Course Outline 2023-2024

### Main resources

We do not use a single set textbook in this subject, but rather a collection of resources, many of which are of teachers' own creation and disseminated on Google Classroom.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment:

Assessment criteria, Individuals and societies		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Knowing and understanding	Maximum 8
<b>Criterion B</b>	Investigating	Maximum 8
<b>Criterion C</b>	Communicating	Maximum 8
<b>Criterion D</b>	Thinking critically	Maximum 8

### Major Assessment tasks

- Task 1: Cracking History's Cold Cases
- Task 2: Time capsule
- Task 4: Historical Disaster study: Historical Lessons
- Task 5: Weather Forecast Show
- Task 6: Build your dream city!

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

# M1

## Course Outline 2023-2024

### Science

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac. At ISB the science programme is taught as an integrated science course and combines aspects of Physics, Chemistry and Biology.

### Aims and Objectives

The aims of MYP sciences are to encourage and enable students to:

- understand and appreciate science and its implications
- consider science as a human endeavor with benefits and limitations
- cultivate analytical, inquiring and flexible minds that pose questions, solve problems, construct explanations and judge arguments
- develop skills to design and perform investigations, evaluate evidence and reach conclusions
- build an awareness of the need to effectively collaborate and communicate
- apply language skills and knowledge in a variety of real-life contexts
- develop sensitivity towards the living and non-living environments
- reflect on learning experiences and make informed choices.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
What changes?	Safety Scientific method Filling a lab report What is science? Scientists from around the world. Three states of matter Water cycle Purity Separation Mixtures Intro. atoms Element, compound, mixture	August - October
How do living things work?	Cells Organelles Intro to photosynthesis/respiration Intro Evolution Food webs and chains The characteristics of living things Ecosystems	November - February
What makes change happen?	Energy Producing energy Energy sources Environmental challenges Energy transfer Heat Energy efficiency	February - April

# M1

## Course Outline 2023-2024

Violent Earth (IDU with IS)	Earth systems: <ul style="list-style-type: none"> <li>• Atmosphere</li> <li>• Hydrosphere</li> <li>• Lithosphere</li> <li>• Biosphere</li> </ul> Greenhouse effect Plate tectonic Wind systems Energy systems Weather / climate Sustainability UN goals	April - June
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### Main resources

Our main book is *MYP by Concept 1; Science* but extra materials, videos and activities will be added. The students will use OneNote as an online book/workbook and Google Classroom as a hand in platform.

### Homework

Students may occasionally need to do additional work at home which will be assigned according to the ISB Homework Schedule in the assessment policy.

### Assessment

Assessment criteria, Science		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Knowing and understanding	Maximum 8
<b>Criterion B</b>	Inquiring and designing	Maximum 8
<b>Criterion C</b>	Processing and evaluating	Maximum 8
<b>Criterion D</b>	Reflecting on the impact of science	Maximum 8

### Assessment tasks

During the year, students will make both smaller and more compressive lab reports. In addition and do a variety of tasks including video recordings, presentations and written tests.

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

Test Unit 1: Matter

Investigation and lab report : Clean water for all.

Investigation and Lab report unit 2: Living things

Test unit 3: Energy

Investigation and Lab report unit 3: Insulation.

IDU Unit: Presentation

# M1

## Course Outline 2023-2024

### The Arts (Visual Art, Music and Media)

The following outline indicates the topics they will study in the relevant trimester. Additional curriculum information and submission dates will be available on ManageBac. In M1-3, each of the art disciplines are taught in a trimester, allowing students to engage with **The Arts: Visual Art, Music** and **Media** during the year. Parallel classes might not have the same Arts discipline at the same time.

### Aims and Objectives

The aims of MYP arts are to encourage and enable students to:

- create and present art
- develop skills specific to the discipline
- engage in a process of creative exploration and (self-) discovery
- make purposeful connections between investigation and practice
- understand the relationship between art and its contexts
- respond to and reflect on art
- deepen their understanding of the world.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content
1. Visual Art – Self-portraits: Who am I?	<b>Self-portraits to Selfies</b> – Self-portraits. Students will look at portraiture, learn how to make self-portraits and understand how to tell a story through a portrait. We will go from realism to abstract art while creating portraits displaying a strong emotion and along the way transfer those skills in turning them into expressive abstract portraits. They will analyse a portrait by Frida Kahlo together in class in addition to analysing their portraits towards the end of the unit. They will be using their phones in class, under supervision, to be able to photograph their work. In addition they will use a variety of media such as charcoal, oil pastels and acrylic on canvas and their phone cameras.
2. Music - Traditional and Popular Music in West Africa.	<b>Traditional Music of West Africa</b> - In this course we will examine music's role as an expression of cultural identity and means of social cohesion in specific regions of West Africa, and examine the role of the individual musician within a group context. We will study key elements of music such as rhythm, form, and texture through careful listening to and analysis of musical examples, and we will further our understanding of these elements through the playing of percussion instruments in small and large group contexts. Finally, the students will compose, rehearse, and perform original compositions that incorporate key musical elements and concepts in small groups.
3. Media - Quiet on set: Editing and making movies	<b>Quiet on set: Editing and making movies</b> - in this course we will look at a range of filming and editing techniques when working with Adobe Premiere. They will analyse videos to develop their understanding of filmmaking techniques. The students will create a video between 3 to 5 minutes expressing their understanding, ideas and views of the world around them using learned media techniques.

# M1

## Course Outline 2023-2024

### Main resources

We do not use any one textbook for the Arts, but rather a collection of resources, many of which come from the teachers own research and development into the unit and are shared with the students on relevant platforms. The students will be asked to get linked to their local kommune libraries to access various online resources, this needs their NemID and might need help from parents, if the students have not already done this in the lower M classes.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to personally inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems, find personal solutions and so support the individual student better. Students may occasionally need to do additional work at home for some assessment tasks. Students have been asked to practice their skills and techniques for the whole weekly homework time if there is no set homework for them to work on.

### Assessment

Assessment criteria, Arts		
Students grades will be made up of marks from the following criteria		
Criterion A	Investigating	Maximum 8
Criterion B	Developing	Maximum 8
Criterion C	Creating/Performing	Maximum 8
Criterion D	Evaluating	Maximum 8

### Major Assessment tasks

- Task 1/ Criteria A: Research an artist/artwork/performer and describe artwork by the chosen artist (Visual Art/Music/Media)
- Task 2/ Criteria B: Use prior knowledge and develop new skills and techniques in your artwork. (Visual Art/Music/Media)
- Task 3/ Criteria C: Apply prior knowledge and new skills and techniques to create original artwork. (Visual Art/Music/Media)
- Task 4/ Criteria D: Reflect on the processes and development of your artwork and yourself as an artist through the trimester. (Visual Art/Music/Media)

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.



# M1

## Course Outline 2023-2024

### Physical and Health Education

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac.

### Aims and Objectives

The aims of MYP physical and health education are to encourage and enable students to:

- use inquiry to explore physical and health education concepts
- participate effectively in a variety of contexts
- understand the value of physical activity
- achieve and maintain a healthy lifestyle
- collaborate and communicate effectively
- build positive relationships and demonstrate social responsibility
- reflect on their learning experiences.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. What is fitness?	Different types of exercises, physical and health skill related components, Endurance, Strength, Flexibility and Stretching. Develop training plans. Apply training plans in the gym to improve different skills.	August - January
2. Warm-up, stretching & cool down.	Basic introduction of physical activities (muscles, joints), purpose of warm up, stretching techniques, cooldown. Heart rate and introducing diversity in your training exercises.	November - March
3. Track and field athletics	Students will learn different track and field events, sprinting, endurance, long jump, high jump, shot put. They will perform the skills learnt in a local Billund Kommune competition.	February - April
4. Nutrition	Students will learn the basics about nutrients, proteins, fats, vitamins, minerals, water and glucose. Healthy plates and create a proper meal plan.	March - June
5. School Olympics	Students will learn proper techniques and various skills on athletics, table tennis, orienteering, archery. They will participate in the school olympics and apply their learnt skills as a team.	April - June

# M1

## Course Outline 2023-2024

### Main resources

We do not use a single set textbook in this subject, but rather a collection of resources, many of which are of teachers own creation and disseminated on OneNote or Google Classroom.

### Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment

<b>Assessment criteria, Physical and health education</b>		
Students grades will be made up of marks from the following criteria		
<b>Criterion A</b>	Knowing and understanding	Maximum 8
<b>Criterion B</b>	Planning for performance	Maximum 8
<b>Criterion C</b>	Applying and performing	Maximum 8
<b>Criterion D</b>	Reflecting and improving performance	Maximum 8

### Major Assessment tasks

- Task 1 – During the fitness unit, students will show knowledge and understanding about the basic fitness components. They will learn how to create training plans to develop different skills. They will apply their training plans in the gym. They will also reflect on their learning process. In this fitness unit, students will be assessed on crit A, B, C, D.
- Task 2 - Students will show understanding of the purpose of different types of exercises and develop a basic warm-up and cooldown routine. They will develop different warm-up and stretching routines. In this unit students will be assessed on crit A and B.
- Task 3 – Students will participate in an athletic tournament with other schools in Billund Kommune and apply the skills learnt during the unit. In this unit students will be assessed on crit C.
- Task 4 - Students will show knowledge about the basics of nutrition. Students will develop a healthy nutrition plan to raise awareness about their eating habits. Reflect on their experience in the unit. In this unit students will be assessed on crit A, B and D.
- Task 5 - Students will participate in the School Olympics with other schools around Denmark and apply the skills learned during the unit. They will also reflect in the end on the whole process. In this unit students will be assessed on crit C and D.

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.

# M1

## Course Outline 2023-2024

### Design

The following outline indicates the topics and the approximate dates that they will be studied. Please be aware that these are intended dates only and can be altered at the teacher's discretion. Additional curriculum information and submission dates will be available on ManageBac.

### Aims and Objectives

The aims of MYP design are to encourage and enable students to:

- enjoy the design process, develop an appreciation of its elegance and power
- develop knowledge, understanding and skills from different disciplines to design and create solutions to problems using the design cycle
- use and apply technology effectively as a means to access, process and communicate information, model and create solutions, and to solve problems
- develop an appreciation of the impact of design innovations for life, global society and environments
- appreciate past, present and emerging design within cultural, political, social, historical and environmental contexts
- develop respect for others' viewpoints and appreciate alternative solutions to problems
- act with integrity and honesty, and take responsibility for their own actions developing effective working practices.

### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Team building Challenges	<ul style="list-style-type: none"> <li>• Introduction to the design cycle</li> <li>• Class community and expectations</li> </ul>	August
2. How might stickers help a good cause?	<ul style="list-style-type: none"> <li>• Using the Design cycle.</li> <li>• Researching existing products.</li> <li>• Developing skills in vector based programs - RD works and Adobe Illustrator.</li> <li>• Prototyping.</li> <li>• Introduction to using the foil cutter and laser cutter.</li> </ul>	September - December
3. Christmas cards	<ul style="list-style-type: none"> <li>•</li> </ul>	
3. Naturfagsmaraton	<ul style="list-style-type: none"> <li>• Combining knowledge of Science and Design.</li> <li>• Using a combination of the engineering and design process.</li> <li>• Learning by mistakes.</li> <li>• Solving real-life problems.</li> </ul>	January - April

# M1

## Course Outline 2023-2024

4. Mini FLL First Lego League robot game.	<ul style="list-style-type: none"> <li>• Learning about SPIKE Prime robots.</li> <li>• Building and programming Spike Prime robots.</li> <li>• Analysing the effectiveness of robot designs.</li> <li>• Analysing effective strategies when programming robots for competition.</li> <li>• Competing at Sønder Omme at the Mini FLL competition, with the theme 'Cargo Connect' - how cargo is transported, sorted, and delivered to its destinations.</li> </ul>	April - June
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### The outline for the units taught this year in M1

Topic/Unit Name	Main Content	Tentative Time Frame
1. Team building Challenges	<ul style="list-style-type: none"> <li>• Introduction to the design cycle</li> <li>• Class community and expectations</li> </ul>	August - September
2. Mini FLL First Lego League robot game.	<ul style="list-style-type: none"> <li>• Learning about SPIKE Prime robots.</li> <li>• Building and programming Spike Prime robots.</li> <li>• Analysing the effectiveness of robot designs.</li> <li>• Analysing effective strategies when programming robots for competition.</li> <li>• Competing at Sønder Omme at the Mini FLL competition, with the theme 'Cargo Connect' - how cargo is transported, sorted, and delivered to its destinations.</li> </ul>	October - November
3. Christmas Cards	<ul style="list-style-type: none"> <li>• Designing and making a Christmas card.</li> <li>• Using Adobe Photoshop/Illustrator</li> </ul>	December
4. Naturfagsmaraton	<ul style="list-style-type: none"> <li>• Combining knowledge of Science and Design.</li> <li>• Using a combination of the engineering and design process.</li> <li>• Learning by mistakes.</li> <li>• Solving real-life problems.</li> </ul>	January - April
5. Designing a sticker for a client.	<ul style="list-style-type: none"> <li>• Using the Design cycle.</li> <li>• Researching existing products.</li> <li>• Interviewing a client.</li> <li>• Developing skills in vector based programs - RD works and Adobe Illustrator.</li> <li>• Prototyping.</li> <li>• Introduction to using the foil cutter and laser cutter.</li> </ul>	April - June

# M1

## Course Outline 2023-2024

### Main resources

We work close to the design cycle as described in the *Design Guide*. Most work is distributed via Google Classroom where we use Google Docs and Google Slides to create design portfolios.

### Homework

Homework can be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must encourage their child to inform the teacher either by speaking to them or over email if they are not able to complete or hand in their homework on time. This will allow the teacher to understand the student's problems and support the student better. Students may occasionally need to do additional work at home for some assessment tasks.

### Assessment

Assessment criteria, Design		
Students grades will be made up of marks from the following criteria		
Criterion A	Inquiring and analysing	Maximum 8
Criterion B	Developing ideas	Maximum 8
Criterion C	Creating the solution	Maximum 8
Criterion D	Evaluating	Maximum 8

### Major Assessment tasks

- Task 1  
Bridge building: Finished product feedback
- Task 2  
Mini FLL: Documentation of design process, final robot and participation in Mini FLL competition.
- Task 3  
Christmas Card: Design and creation of a Christmas card.
- Task 4  
Naturfagsmaraton: Documentation of design process and participation in the final competition.
- Task 5  
Sticker: Finished project and documented material.

Students will be given detailed information about the tasks, due dates, expectations, and which criteria are being marked for each assessment task.