

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-centered 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 IS 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 or set up a meeting.

Sincerely, Tue



Table of contents

| Introduction | 1 |
|---|----|
| Table of contents | 2 |
| Language and Literature in English | 3 |
| English Language Acquisition | 5 |
| Danish Language and Literature | 7 |
| Spanish Acquisition | 9 |
| German Acquisition | 11 |
| Danish Acquisition | 13 |
| MYP language acquisition global proficiency table | 15 |
| Mathematics | 16 |
| Individuals and Societies | 18 |
| Science | 20 |
| The Arts (Visual Art, Music and Media) | 22 |
| Physical and Health Education | 24 |
| Design | 26 |



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 M2

| Topic/Unit Name | Main Content | Tentative Time Frame |
|--------------------------------|---|----------------------|
| 1. The Museum of Me | ConsumerismMuseum websitesDocumentary | August - November |
| 2. Representation and Conflict | Of Mice and Men | November- February |
| 3. Fame and the Media | ArticlesMedia extractsChicago film analysis | February - May |

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 listed 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: Select and analyse an object that best represents you
- Task 2: The 21st Object: describe an object that doesn't exist but would represent you perfectly
- Task 3: Research task: define the language of Museum Guides and create an entry for your 21st Object in this style
- Task 4: Poster: The Context of 'Of Mice and Men'
- Task 5: The Trail: Who is responsible for Lennie's death?
- Task 6: Compare and contrast of degrees of innocence and guilt of the characters implicated in the death of Lennie.
- Task 7: Create a biased article
- Task 8: Analyse the lyrics and audience imperatives in a song from 'Chicago'



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 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 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 M2

| Topic/Unit Name | Main Content | Tentative Time Frame |
|-----------------------|--|----------------------|
| 1. The Museum of Me | Consumerism | August - November |
| | Museum websites | |
| | Language to interpret | |
| | How to write a Brochure | |
| | Language to Describe | |
| | Language to Review | |
| | Verb tenses: Present tense | |
| 2. Representation and | Of Mice and Men | November - February |
| Conflict | Language for recounting and reflecting | , i |
| | Sentence types and Conjunctions | |
| | Language for Paraphrasing | |
| | Proof reading | |
| 3. Fame and The Media | Articles | February - May |
| | Media extracts | |
| | Chicago film analysis | |
| | Language for Reflection | |
| | Language for description (adjectives). | |
| | Language for Bias | |
| | Language for Analysis (Conjunctions) | |
| | Point-Evidence-Explain paragraphing | |

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 listed 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 Acquisition Students grades will be made up of marks from the following criteria | | | |
|--|----------|-----------|--|
| Criterion A | | | |
| Criterion B | Reading | Maximum 8 | |
| Criterion C | Speaking | Maximum 8 | |
| Criterion D | Writing | Maximum 8 | |

Major Summative and Formative Assessment tasks:

- Task 1: Poster: create a poster of the Story Of Me in 20 objects
- Task 2: Analyse the meaning of a 21st Object
- Task 3: Research the style of Museum Guides and create an entry for your 21st Object
- Task 4: Listening Comprehension: Museums from around the world.
- Task 6: Make a context poster and present
- Task 7: Reading Comprehension
- Task 8: Listening Comprehension
- Task 9: Write to describe
- Task 10: Write an article to show bias
- Task 11: Listening Comprehension: Song lyrics from the film Chicago
- Task 12: Reading comprehension: A Chicago film review
- Task 13: Present thoughts and ideas on Fame



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 follow 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 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.

| Topic/Unit Name | Main Content | Tentative Time Frame |
|-------------------------|---|----------------------|
| 1. Humor og alvor | Main text: Anders Matthesen "Ternet Ninja" (bog og film) Knowledge and skills: Teknik og stil Sproglige virkemidler Humors effekt Multimodalitet Filmiske virkemidler Personkarakteristik | August - November |
| 2. Avis? - Naturligvis! | Main text: Forskellige artikelgenrer "Avis? Naturligvis" Newsdesk (online platform) Knowledge and skills: Genrekendskab Kommunikation Sprogbrug Afsender/modtager Målgrupper Information vs. opinion Billedanalyse | December - March |



Course Outline 2023-2024

| 3. Når livet er svært | Main text: | March - June |
|-----------------------|---|--------------|
| | Stine Haynes "Tæl til ti" | |
| | Joy Liberkind "Når man kalder | |
| | på døden" | |
| | Knowledge and skills: | |
| | Sproglige virkemidler | |
| | At læse på og mellem linjerne | |
| | Fortællertyper | |
| | o Plot | |

Main resources

We use the workbook *Avis - Naturligvis* 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 | | |
|---|----------------|-----------|
| 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: Personligt brev
- Task 2: Analyser en artikel
- Task 3: Skriv en artikel
- Task 4: Mundtlig præsentation af personkarakteristik



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 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.

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 M2

Phase:

| Topic/Unit Name | Main Content | Tentative Time Frame |
|------------------------|---|----------------------|
| 1. Mi casa es tu casa | Vocabulario referente a la casa : habitaciones, | August - November |
| | muebles, colores, materiales. | |
| | La cocina y la comida. | |
| | Tener-hay | |
| | Preposiciones(1) | |
| | Verbos reflexivos e irregulares (Ser/Estar) | |
| | Adjetivos demostrativos. | |
| 2. Vamos de vacaciones | Vocabulario relevante para la Unidad | November- February |
| | Lugares y países | |
| | Clima | |
| | Direcciones | |
| | Adverbios de lugar | |
| | Futuro : Ir+a+infinitivo | |
| | Preposiciones(2) | |
| | Interrogativos | |



| 3. Modelo a seguir | Vocabulario relevante para la Unidad Ropa, partes del cuerpo,profesiones,pasatiempos. | February- June |
|--------------------|---|----------------|
| | Comparativos y superlativos Adjetivos de personalidad y físicos | |
| | Verbos regulares conjugaciones Verbos irregulares:Ser/ Estar/Tener/Ir | |

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 | | |
|---|----------|-----------|
| Criterion A Listening Maximum 8 | | |
| Criterion B | Reading | Maximum 8 |
| Criterion C | Speaking | Maximum 8 |
| Criterion D | Writing | Maximum 8 |

Major Assessment tasks

- Task 1: La casa de mis sueños (Final submission and presentation)
- Task 2: De viaje (Final submission and presentation)
- Task 3: Mi modelo a seguir (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.



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 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.

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 M2

Phase 1 & 2

| Topic/Unit Name | Main Content | Tentative Time Frame |
|-----------------|--|----------------------|
| 1. Mein Zuhause | Countries and different places to live e.g. the mountains, countryside etc. Descriptions of homes: rooms, layout, furniture, colours Daily routine Household chores | August - October |



Course Outline 2023-2024

| 2. Meine Ferien | Countries and languages Weather Past holiday destinations Holiday experiences Regions and sightseeing Future holiday plans Accommodation | October - February |
|---------------------|---|--------------------|
| 3. Unsere Vorbilder | Famous German people and why they are famous Profiles of people with basic information e.g. name, age, where live Characteristics Difference between an idol and a role-model | February - June |

Main resources

In this subject we use the textbook "Zoom Deutsch 2" for most of the Units and 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 in 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 | a | | |
| Criterion A | riterion A Listening Maximum 8 | | | |
| Criterion B | Reading | Maximum 8 | | |
| Criterion C | Speaking | Maximum 8 | | |
| Criterion D | Writing | Maximum 8 | | |



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 M2

Phase: 1-2, 3-5

| Topic/Unit Name | Main Content | Tentative Time Frame |
|------------------------|------------------------------|----------------------|
| 1. Ferie, ferie, ferie | Vejr | August - November |
| | Tidligere feriedestinationer | |
| | Ferieerfaringer | |
| | Ferie attraktioner | |
| | Fremtidige ferieplaner | |
| | Udsagnsord | |
| 2. Traditioner | Danske traditioner | November - March |
| | Traditioner i andre lande | |
| | Mad og egnsretter | |
| | Sange | |
| | Stedord | |
| | Ordenstal | |



Course Outline 2023-2024

| 3. Hjem, kære hjem | Interiør | March - June |
|--------------------|---------------------------------------|--------------|
| | Hjem i forskellige kulturer | |
| | Hustyper | |
| | Tale og skrive om eget og andres hjem | |
| | Navneord | |
| | Forholdsord | |
| | At beskrive | |

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 in 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 | | | |
|--|----------|-----------|--|
| Assessment criteria, Danish acquisition | | | |
| Students grades will be made up of marks from the following criteria | | | |
| Criterion A Listening Maximum 8 | | | |
| | | | |
| Criterion B | Reading | Maximum 8 | |
| | | | |
| Criterion C | Speaking | Maximum 8 | |
| | | | |
| Criterion D | Writing | Maximum 8 | |
| | | | |

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.



Course Outline 2023-2024

MYP language acquisition global proficiency table

| Understand and respond to simple phrases, statements and questions. Identify basic messages, facts, opinions, feelings and | Understand and respond to simple spoken and written texts. Identify messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and |
|--|--|
| statements and questions. | Identify messages, facts, opinions, feelings and ideas |
| ideas presented in oral, visual and written language, and demonstrate their comprehension in simple oral and written phrases. 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. Begin to be aware that language use is connected to a purpose and an audience. | demonstrate their comprehension in short oral and written form. Interact to share information in a limited range of familiar situations, using basic language appropriate to a limited rang of interpersonal and cultural contexts. Be aware that language varies according to purpose and audience. |
| Capable communicator | |

| Capable communicator | | |
|--|--|--|
| Phase 4 | | |
| Capable communicators in phase 4 understand and respond to a variety of spoken and written texts. 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. 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. Can communicate substantial information containing relevant and developed ideas and justified opinions on events, | | |
| | | |

| ways for unferent purposes and addiences. | experiences and some concepts explored in class. Identify aspects of format and style, and speak and write with a clear sense of audience and purpose. | | | |
|---|--|--|--|--|
| Proficient communicator | | | | |
| Phase 5 | Phase 6 | | | |
| Analyse specific information, ideas, opinions and attitudes presented in oral, visual and written language. Draw conclusions, infer information and recognize implied opinions and attitudes. Respond and react to questions and ideas in a range of spoken, visual and written texts. Engage actively in conversations in social and some academic situations to contribute substantial information containing relevant and focused ideas supported by examples and illustrations. Organize information and ideas into a clear and effective structure to express their understanding and opinions on topics of personal interest and global significance. Interpret aspects of format and style, and are able to adapt register and style of language to suit the context. | Evaluate the important information, details and ideas presented in spoken, written and visual language in social and academic contexts. Analyse the information, draw conclusions and make inferences about ideas, opinions and attitudes implied in a wide range of spoken, visual and written texts. Engage actively in conversations in social and academic situations to contribute substantial information and give detailed analysis and explanation. 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. | | | |

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



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.

| Topic/Unit Name | Main Content | Tentative Time Frame |
|-----------------------------------|--|----------------------|
| 1. Number Exploration & Ratios | Review of main skills from MYP 1 Ratios Ratio and proportion Ratio and fraction. Simplify ratios Ratios and scale drawings | August - October |
| 2. Algebra & Sequences | Recap of Algebra from MYP 1 Expand single brackets and simplify. Simplify expressions involving brackets Factorise an expression into a single bracket. Solve linear equations Rearrange simple formulae to change the subject Create linear equations to describe a problem. Understand that the nth term formula Find the nth term formula of a linear sequence. | October - January |



Course Outline 2023-2024

| 3. Data - Statistics | Understand what an average is Can calculate the range, mean, median and mode Understand a bar chart and frequency table. Create a bar chart and histogram. Construct a pie chart Can analyse and interpret diagrams, graphs and charts | February - April |
|-------------------------|---|------------------|
| 4. Geometry | Angle properties of intersecting lines Angle properties of triangles Understand regular polygon and an irregular polygon. Angle properties of polygons Convert between metric units of length (mm, cm, m, km) Area of parallelograms and rhombus. Area of trapezium Can find the surface area of a cube or cuboid. Understand what a prism is. Can find the volume of a cube or cuboid Can find the volume of a prism Understand what the net of a shape is. (| April - May |

Main resources

'MYP by Concept 2, Mathematics'. Supplemented with 'International Mathematics for the Middle years 2' and a variety of online resources. In Mathematics Google classroom is the main platform.

Homework

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

Assessment

| , to be estimated | | | | |
|----------------------------------|--|-----------|--|--|
| Assessment criteria, Mathematics | | | | |
| Students grades will be made up | 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.



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.

| | Topic/Unit Name | Main Content | Tentative Time Frame |
|----|---|---|----------------------|
| 1. | The Middle Ages - From Darkness to Light | Early Middle Ages: • the Fall of Rome & the 'Dark Ages', • the concept of Invaders and Barbarians, Feudalism and the rise of towns; • Knights, castles and cities, • Kingdoms and crusades; Culture and the Church: • education, the arts, and the role of religion in everyday life; Late Middle Ages: • the cause and consequence of famine and the plague, | August - November |
| 2. | Faith Foundations - Islam and Christianity | the story of Joan of Arc. Exploring background knowledge and concepts of religion: • exploring and comparing the worlds 7 largest religions, • the idea of the soul and faith. Analysing and comparing the rise and spread of Christianity, Judaism and Islam: • Judaism and the Romans, • Life and teachings of Jesus (Use of parables, the golden rule, life, crucifixion and resurrection), the Apostles and early Christian leaders, the spread of Christianity. | November - March |



| | The Islamic civilization, Muhammad and his message, beliefs and practice of Islam, the spread of Islam, life in the Islamic world Commonalities and differences between Christianity, Judaism and Islam. | |
|------------------------------------|---|--------------|
| 3. Brave New World: Renaissance | New ideas (based on classical/antique principles) - Conquests and explorations - Perception of God (The Schism and The Protestant Reformation, Thirty Years' War) - Art, literature and architecture | April - June |

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

Major Assessment tasks

- Task 1 Feudal Roleplay (highlight roles, responsibilities, and issues)
- Task 2 Medieval Topic Research Project (personal interest),
- Task 3 Create a new religion (complete with manifesto, belief system, and structure),
- Task 4 Write a travel journal, while (digitally) visiting Italian cities during the Renaissance period.



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, Biology and Environmental Science.

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 endeavour 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.

| Topic/Unit Name | Main Content | Tentative Time Frame |
|----------------------------|----------------------------|----------------------|
| 1. | SI units | August - November |
| Where are we now and where | Coordinates | |
| might we be going? | Gravity | |
| | Newton's laws | |
| | Forces | |
| | Friction | |
| | Acceleration | |
| | Motions | |
| | Velocity | |
| 2. | Matter | November - March |
| How do we map matter? | Periodic table | |
| | Atoms | |
| | Molecules | |
| | Element, compound, mixture | |
| | Chemical reactions | |
| | Acids/Alkalis | |
| | Concentrations | |
| | рН | |
| | Naturalization | |
| | Properties of metals | |
| | | |



Course Outline 2023-2024

| 3. | Body systems: | March - May |
|--------------------------|---------------------------|-------------|
| How do we respond to our | The Immune system | |
| world? | The Skeleton | |
| | The Cardiovascular system | |
| | The Muscular System | |
| | The Digestive system | |
| | The Nervous system | |
| | The Respiratory System | |
| | The Reproductive System | |
| | The Endocrine System | |
| | The Urinary System | |
| | Stimulus | |
| | Behaviour | |
| | Sense organs | |

Main resources

Our main book is MYP by Concept 2; Science but extra materials, videos and activities will be added. The students will have most of their work collected in the on-line platform Google Classroom.

Homework

Homework will be assigned according to the ISB Homework Schedule in the assessment policy. The students will also be asked to study at home in preparation for the in-class tests.

Assessment

| ASSESSITION | | | |
|---------------------------------|--------------------------------------|-----------|--|
| Assessment criteria, Science | | | |
| Students grades will be made up | of marks from the following criteria | a | |
| Criterion A | Knowing and understanding Maximum 8 | | |
| | | | |
| Criterion B | Inquiring and designing | Maximum 8 | |
| | | | |
| Criterion C | Processing and evaluating | Maximum 8 | |
| | _ | | |
| Criterion D | Reflecting on the impact of | Maximum 8 | |
| | science | | |

Assessment tasks

Investigation and presentation: Playground Physics

Test unit 2: Matter

Investigation unit 2: Acids and Bases

Test unit 3: Body

Investigation unit 3: Individually made research question



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.

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 M2

| Topic/Unit Name | Main Content |
|--------------------|--|
| 1. Visual Art | Collage Art — Students will learn about the art of collage, while look at the work of some of the great collage artists Henri Matisse and Hannah Hoch amongst others. They will make a few small practise collages to develop their skills and techniques while planning their final artwork. They will then use the knowledge of collage art through researching and critiquing famous artwork and developmental artwork to plan and create their final artwork using collage techniques. |
| 2. Music | The Evolution of Pop Music - In this course we will examine the musical and cultural influence of pop music on our collective identities. We will study key elements of music such as harmony, melody, and form through careful listening to and analysis of musical examples, and we will further our understanding of these elements through the playing of pop song covers in small and large group contexts. Finally, the students will compose, rehearse, and perform/record original compositions in small groups that incorporate key musical elements and concepts inspired by our unit topic. |
| 3. Media | Recording: Podcasts and sound editings - in this course we will look at a range of recording and editing techniques when working with Adobe Auditon. They will analyse different podcasts to develop their understanding of scriptwriting, communication and sound editing. The students will create a podcast between 3 to 5 minutes expressing their understanding, ideas and views of the world around them using learned media techniques. |

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.



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



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.

| Topic/Unit Name | Main Content | Tentative Time Frame |
|---------------------------------|--|----------------------|
| 1. Cardio step aerobics | The students will learn through the dance choreography to have an analytical approach to the given information/instruction, discuss the various ideas and also adapt to the different views and approaches in terms of team work. By planning the movements, they will be able to realize what are the challenges and obstacles in terms of time, exercise intensity and having the right team engagement. | August - November |
| 2. Cardio step aerobics- theory | Using and understanding subject-specific terminology, develop knowledge about a huge variety of physical exercises. How to perform physical exercises correctly. | August - November |
| 3. Basketball | Basic rules of the game, different types of passing, receiving, passing to a moving target, moving with or without the ball in an open space. Technique and basic strategies. They will participate in a local Billund Kommune basketball tournament. | November- February |
| 4. Basketball-theory | The basic knowledge on creating and developing good training plans. Content of warm-up, cooldown and main activity as well as choosing the proper physical exercises to develop different skills. | November- February |
| 5. School Olympics | Students will learn proper techniques and various skills on athletics, orienteering, non-stop cricket. They will participate in the school olympics and apply their learnt skills as a team. | March - June |
| Skole OL- theory | fair play, doping, inclusion, gender equality, racism, hooliganism, violence. | March - June |



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

Major Assessment tasks

- **Task 1** Dance: Plan a dance routine of a dance style at their choice. Perform and reflect on the experience. In this unit students will be assessed on crit B, C and D.
- Task 2 World of physical exercises: Students will use PHE terminology to show understanding and describing different exercises and how to perform them correctly. In this unit students will be assessed on crit Δ
- Task 3 Basketball tournament Students will take part in a local tournament against other Billund Kommune schools and apply their skills. In this unit students will be assessed on crit C.
- Task 4 Human body and muscles Students will show their knowledge and understanding of the main
 muscle groups used during physical movement. Develop a training plan that helps improve different body
 parts. In this unit students will be assessed on crit A and B.
- Task 5 Invasion games Students will apply different strategies learned in the unit to help their team succeed. In this unit students will be assessed on crit C.
- Task 6 Issues in sport Students will show knowledge about all the current issues in sport and design a Ted talk video to express their ideas. In this unit students will be assessed on crit A.
- Task 7 School Olympics Students will participate in the School Olympics with other schools around Denmark and apply the skills learnt 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.



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.

| Topic/Unit Name | Main Content | Tentative Time Frame |
|----------------------------|---|----------------------|
| 1. FLL - First Lego League | Competing in the First LEGO League. Building and programming SPIKE Prime robots. Researching the theme 'Cargo Connect' - how cargo is transported, sorted, and delivered to its destinations. Designing and creating a design solution to fit the theme. | August - November |
| 2. Decorating Christmas | Using the Design cycle Revising knowledge of vector based programs. Using the laser cutter. | November - December |
| 3. Pop up book | Consolidating understanding of the Design cycle. Analysing existing products. Using knowledge from other subjects to develop own graphics. Learning about paper mechanics. Using different materials in graphic design. | December - March |



Course Outline 2023-2024

| 4. Collectable toys | Continuing to consolidate understanding of the design cycle and expectations in | March - June |
|---------------------|--|--------------|
| | preparation for new grading criteria in M3. | |
| | Analysing existing products. | |
| | Exploring different collectable toy artists | |
| | from around the world. | |
| | What is CAD, CAM and FDM? | |
| | Using basic 3D programs to create a | |
| | collectable toy. | |

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 will be assigned according to the ISB Homework Schedule in the assessment policy. Please remember parents must inform the teacher if students are not able to hand their homework in on time. Students may occasionally need to do additional work at home for some assessment tasks.

Assessment

| Assessment criteria, Design | | | |
|---------------------------------|--|-----------|--|
| Students grades will be made up | 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

The FLL competition: Spike prime robot, evidence of programming skills, project presentation (feedback from judges).

Task 2

Decorating Christmas: Finished product and documented material on how the student created their festive decoration.

Task 3

Pop-up book: Finished product and documented material on how the student created their pop-up book.

Task 4

Collectable toys - Design and creation of collectable toy (3D printed) and hand in of design portfolio.