

M4

Course Outline 2024-2025

Introduction

August 2024

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 is furthermore shaped by our mission and vision statement and our 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 several projects, Project Weeks and Interdisciplinary Units which we consider 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 student's knowledge of the world around them and 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 at tra@isbillund.com or set up a meeting.

Sincerely,
Tue

M4

Course Outline 2024-2025

Table of contents

Introduction	1
Table of contents	2
Language and Literature in English	3
Danish Language and Literature	5
Spanish Acquisition	7
German Acquisition	9
Danish Acquisition	11
MYP language acquisition global proficiency table	14
Mathematics	15
Individuals and Societies	17
Science	19
Music	24
Media	26
Design	28
Physical and Health Education	30

Course Outline 2024-2025

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 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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1.Transformations	<ul style="list-style-type: none"> • Interpretations of Alice in Wonderland • Hamilton 	August - November
2.The Representations of Race	<ul style="list-style-type: none"> • Possible IDU with the Arts • Poetry by African American writers • Othello 	November- February
3.The English Language	<ul style="list-style-type: none"> • Etymology • Linguistic engineering • Conventions of spoken English • English as a world language 	February-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. Our major texts are listed in the Unit details 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.

Course Outline 2024-2025

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: Nothing is Original! How important is originality in art?
- Task 2: Choose a historical figure and write a monologue which confronts a current issue
- Task 3: Essay: How Racist is Shakespeare's 'Othello'?
- Task 4: Create a piece of art that deals with racial representation and write a dialogue between yourself and Shakespeare in which you discuss representing a different race.
- Task 5: short questions in the style of Section 1 of the exam based on an extract from the article "English is the language of science — but precision is tough as a non-native speaker".
- Task 6: Debate: Is technology the strongest force in the progression and development of English?

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

Course Outline 2024-2025

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 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 M4:

Topic/Unit Name	Main Content	Tentative Time Frame
1. Det Moderne Gennembrud	<ul style="list-style-type: none"> • Tekster i forløbet: <ul style="list-style-type: none"> ○ Et udvalg af tekster fra den litterære periode "Det moderne gennembrud" • Viden og kompetencer: <ul style="list-style-type: none"> ○ Litteraturhistorie ○ Skrivestil ○ Billedanalyse ○ Tekst analyse og fortolkning ○ Lighed og rettigheder 	August - november
2. Nyhedernes verden	<ul style="list-style-type: none"> • Tekster i forløbet: <ul style="list-style-type: none"> ○ Et udvalg af forskellige nyhedsgenrer ○ Arbejdsbogen: Dansk lærerforening, "Mere avis? Naturligvis" • Viden og kompetencer: <ul style="list-style-type: none"> ○ Viden om forskellige nyhedsgenre ○ Kommunikation ○ Billedanalyse - pressefotos ○ Forståelse for modtagere ○ Kildetyper ○ Fake news ○ Sproglige virkemidler 	November - marts

M4

Course Outline 2024-2025

	<ul style="list-style-type: none"> ○ Objektivt og subjektivt sprogbrug 	
3. Skæbner	<ul style="list-style-type: none"> ● Tekster i forløbet: <ul style="list-style-type: none"> ○ Et udvalg af tekster fra store danske forfattere ● Viden og kompetencer: <ul style="list-style-type: none"> ○ Forfatterskab - autofiktion ○ Digte ○ Genreforståelse ○ Sproglige virkemidler ○ Fortolkning ○ Temaer 	Marts - juni

Main resources

We use the workbooks 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 audiobooks, 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

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

- Skriv en tale
- Skriv en reportage
- Artikelanalyse
- Digtanalyse

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

Course Outline 2024-2025

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 the 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 M4

Phase: 2

Topic/Unit Name	Main Content	Tentative Time Frame
1. De viaje por el mundo	Superlativos y comparativos Future (ir infinitive, future conjugation) Conjugating reflexive verbs in the future with IR A	August - November
2. Problemas y soluciones.	Superlativos y comparativos Future (ir infinitive, future conjugation) Conjugating reflexive verbs in the future with IR A	November- February
3. Noticias	Conjunctions and connectors. Content revision.	February- June

Course Outline 2024-2025

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: Un pais del mundo (Final submission and presentation)
- Task 2: Objetivos de desarrollo sostenible (Final submission and presentation)
- Task 3: Mi reportaje (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.

Course Outline 2024-2025

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 M4

Phase: Emergent and Capable

Topic/Unit Name	Main Content	Tentative Time Frame
1. die Länder der Welt	Countries of the world Descriptions of countries with basic facts: population, flag, area Reasons to travel	August - October
2. Technologie und Medien	Social media New technology Daily use of technology	November- February
3. Nachrichten	Our capability to discern reliable sources and detect bias in news sources determines the quality of the information we consume.	March - June

M4

Course Outline 2024-2025

Main resources

In this subject we use the textbook “Zoom Deutsch 2” for some of the Units (in Phase 2). Apart from that, the teacher creates his own resources, which are distributed 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		
Criterion A	Listening	Maximum 8
Criterion B	Reading	Maximum 8
Criterion C	Speaking	Maximum 8
Criterion D	Writing	Maximum 8

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

Course Outline 2024-2025

Danish Acquisition

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 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. 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 M4

Phase: 1,2-3-5

1. Kærlighed	Phase 1-2: Følelser Teenageliv Tillægsord Udsagnsord i nutid + datid Sange Film og serier om kærlighed Phase 3-5: Kærlighedshistorier/noveller Følelser	August - november
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Course Outline 2024-2025

	Teenageliv Synonymer og antonymer Personkarakteristik Tillægsord Udsagnsord - nutid + datid Film og serier om kærlighed Sange	
2. Mig og min omgangskreds	Phase 1-2: Min familie Mine venner Stamtræ Navneordsbøjninger Udsagnsord - nutid + datid Tillægsord Phase 3-5: Min familie Mine venner Stamtræ Ensomhed Dilemmaer Udsagnsord - nutid + datid Tidsadverbier Novellelæsning Film	November - marts
3. Musik - Toppen af poppen	Phase 1-2: Dansk musik og rap Dansk kultur og traditioner Fællessang under Corona Festival Ordklasser Phase 3-5: Dansk musik og rap Dansk kultur og traditioner Festival 'Min sang til Danmark' Synes, tænker, mener, tror Nationalfølelse Tillægsord Pronominer Rim	Marts - juni

Main resources

We do not use a single set textbook in this subject, but rather a collection of resources, many of which are of teacher's 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.

M4

Course Outline 2024-2025

Assessment

Assessment criteria, Danish acquisition		
Students grades will be made up of marks from the following criteria		
Criterion A	Comprehending spoken and visual texts	Maximum 8
Criterion B	Comprehending written and visual texts	Maximum 8
Criterion C	Communicating in response to spoken and/or written and/or visual text	Maximum 8
Criterion D	Using language in spoken and/or written form	Maximum 8

Major Assessment tasks

Each topic will be finalized with major assessment tasks 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 2024-2025

MYP language acquisition global proficiency table

Emergent communicator	
Phase 1	Phase 2
<ul style="list-style-type: none"> Understand and respond to simple phrases, statements and questions. 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. 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. 	<ul style="list-style-type: none"> Understand and respond to simple spoken and written texts. Identify messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and 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 range of interpersonal and cultural contexts. Be aware that language varies according to purpose and audience.
Capable communicator	
Phase 3	Phase 4
<ul style="list-style-type: none"> Understand and respond to a limited variety of spoken and written texts. 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. 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. Understand that they can speak and write in different ways for different purposes and audiences. 	<ul style="list-style-type: none"> 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, 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
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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 2024-2025

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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. Numbers: Looking at the similarities around us	<ul style="list-style-type: none"> • Math Skills from MYP 1 - 3 • Identifying Congruent or Similar shapes • Translating Shapes • Reflecting shapes • Rotate shapes • Length scale factor • Area scale Factor • Volume scale factor • Mathematically describe translation using a vector 	August - September
2. Geometry - Right Angled Trigonometry	<ul style="list-style-type: none"> • Review: re-arranging & solving equations • Review: Pythagoras • Pythagoras • Label the sides of the triangle • Know the trigonometric ratios • Use the trig ratios to find a missing side • Use the inverse trig ratios to find a missing angle 	October - December
3. Statistics	<ul style="list-style-type: none"> • Selecting Samples • Constructing Graphs (Bar, Pie, Scatter) • Interpreting Graphs (Bar, Pie, Scatter) 	January - March

M4

Course Outline 2024-2025

	<ul style="list-style-type: none"> • Finding Percentages from graphs • Line of best fit • Averages – Mean, Median, Mode • Spread – Range, Interquartile Range • Cumulative Frequency • Box & Whisker Plots • Statistics from Venn Diagrams 	
4. Simultaneous Equations	<ul style="list-style-type: none"> • Solving linear simultaneous equations by Graphing. • Solving linear simultaneous equations by Substitution • Solving linear simultaneous equations by Elimination • Problem solving with simultaneous equations 	March - April
4. Algebra & Quadratics	<ul style="list-style-type: none"> • Review MYP 1 - 3 Algebra • Solving Quadratics by graphing • Solving Quadratics by factorizing • Solving Quadratics by quadratic formula • Constructing Quadratics in real life 	April - June

Main resources

Google classroom will be a bank of resources for each class. We will use Dr Frost for many core tasks. There are infinite practice questions here as well as instructional videos. In the classroom there are also the textbooks 'MYP Mathematics by Concept' & 'International Mathematics'.

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.

M4

Course Outline 2024-2025

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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. American and French revolutions	<p>Time of enlightenment and main ideas of enlightenment thinkers, Hobbs, Locke, Montesquieu, Rosseau, Voltaire. Scientific revolution with Copernicus and Newton</p> <p>American Revolution: Causes of the revolution, Stamp Act, the Boston massacre and the Boston tea party, Benjamin Franklin, George Washington, the declaration of independence, Battles and independent wars, treaty of Paris.</p> <p>French revolution: Timeline of the French revolution, causes of the French revolution, Estates General, the National Assembly, Storming of the Bastille, Women's march on Versailles, Reign of terror, the Directory, Symbols of the French revolution. Consequences of the revolution and the beginning reign of Napoleon Bonaparte. Key players: Robespierre, Marie Antoinette, Napoleon Bonaparte, Marquis de Lafayette, Louis XVI</p>	August - October
2. Cold War and the UN	<p><u>Causes of the cold war:</u> Aftermath of WW2, arms race, authoritarian communism vs liberal democracy (Capitalist and Marxist ideologies), space race</p> <p><u>Main events of the Cold War:</u> Berlin airlift, Suez crisis, Red scare, Berlin wall, Bay of Pigs, Cuban missile crisis, The Third Way: Yugoslavia, Collapse of the Soviet Union</p>	October-December

Course Outline 2024-2025

	<u>Main wars</u> : Korean War, Vietnam War, Chinese civil war, Soviet-Afghan war	
3. Money makes the world go around	History of banking and money: Goldsmith, the gold standard, origin of IOU's and paper money, commodity value, bartering and bankruptcy. Macro economy: Rich - poor countries - Import/export, supply and demand, closed and open market economies. Investment portfolio simulations- stockmarket, investments, market crashes Micro economy: Private economy, taxes and tax distributions, salary slips and budgeting	January-April
4. War on Terror	<ul style="list-style-type: none"> - Security Measurements - September 11, 2001 - War on Terror / Terrorism as a definition - The Soviet and Afghan War - American Intelligence Failure - Perspective of Muslim and Arab Americans 	May - 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 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 children 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		
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

- Revolutions playscript, Exam style questions
- Cold war essay/MUN Conference delegation speech
- Money presentations
- Mock exam

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

Course Outline 2024-2025

Science

The following outline indicates the topics and the approximate dates 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 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.

The outline for the units taught this year in M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. What makes a material world?	Chemical bonds Lewis symbols Naming compounds Chemical formulas Balancing equations Organic chemistry	August - October
2. How do we obtain the energy we need?	Energy States of matter Diffusion Synthesis Combustion Displacement Endothermic Exothermic Fuels Efficiency Sankey diagrams Fossil fuels Environmental impacts Global warming	October- February

Course Outline 2024-2025

3. What effects has splitting the atom had on humanity's progression as a species?	Nuclear power plants Fission Fusion Types of radiation Decay Radiocarbon dating Nuclear waste Mutations Isotopes	February - March
4. Do you feel electric?	Alternating and Direct current Induction The generator Transformation Electrolysis	March - May

Main resources

Our main book is *MYP by Concept 4&5; Science* but extra materials, videos and activities will be added. The students will have most of their work collected in the online platform Google Classroom.

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. The students will also be asked to study at home in preparation for the in-class tests starting at least two weeks before the test.

Assessment

Assessment criteria, Science		
Students grades will be made up of marks from the following criteria		
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 science	Maximum 8

Assessment tasks

Test unit 1: Chemistry

Investigation unit 1: Properties of a chemical

Test unit 2: Energy

Investigation unit 2: Endo or Exothermic reactions

Video on effects of global warming

M4

Course Outline 2024-2025

Test unit 3: Nuclear Power
Debate on Renewable energy
Investigation unit 4: Transformers
Reflection on Avoiding Lightning

The students will complete mock-exams in May as preparation for their M5 eAssessment.

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

Course Outline 2024-2025

Visual Art

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 M4 and M5, students focus on only **one** of the Art disciplines which is taught throughout the year for two years.

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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. Futurism - Balla, Severini, Boccioni, Carra and others.	- Looking at the contributions of Italian artists involved in the Italian Futurist movement. Through this unit we will look at the innovations made by the Italian Futurists were used to express ideas of the future. Their way of celebrating and expressing modernity, speed, technology, and the dynamism of urban life. Their breaking from traditional forms and embracing new techniques to convey motion and energy, often depicting machines, industry, and the chaos of the modern world; through the use of fragmented forms, bold colours, and abstract lines. How do we look at these artworks and use ideas to express our vision of our future. to express their vision of a rapidly changing society.	August - November
2. Representations of Race (IDU between the Arts and English Language & Literature)	Students will look at works by various artists who have expressed their experiences and views on race, in order to understand, or challenge or bring about awareness to the issues of Race. The students will focus on their own and others racial backgrounds and create a work that sets out to answer their questions on Race. They will build this understanding through the work done in English Language & Literature and the art and artists we will discuss in Visual Art. Students will then look at a range of artwork and find an artwork/artist that interests them.	November- February
3. Mock e-portfolio	Students will use the same IB M5 e-portfolio from the current year. They will find and work with artists similar to those that have been suggested on the PCUPs and develop their own artwork based on research of the artist and their work. Students will work towards completing all four criteria.	March - May

M4

Course Outline 2024-2025

4. Exhibition	Exhibiting art is an important aspect for a Visual Art student. They will, time permitting, help planning and organising the MYP Visual Art exhibition.	June
5. Developing skills.	Students will work towards developing creative skills by making smaller pieces of art using as much of a variety of media and techniques as possible.	June

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: Research an artist/artwork/performer and critique 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)

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

M4

Course Outline 2024-2025

Music

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 M4 and M5, students focus on only **one** of the Art disciplines which is taught throughout 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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
Jazz and blues	History of Jazz and Blues Main pioneer artists. 7th and major 7th chords. II-V-I Chord progressions. Dissonance and consonance. Tension and resolution. Jazz standards, major ii - V - I, seventh chords, melodies and accidentals, walking bass lines, syncopation, swing. Blues standards, major 12 bar blues, shuffle, blue notes, seventh chords, melody articulation.	August - November
Representations of race (IDU between the Arts and English Language & Literature)	Song writing: Form, structure and lyrics of protest songs. Using instrumentation, texture, time-signatures and rhythm to convey emotions. Mood and harmony. The use of DAWs for music recording. Horizontal and vertical visualization of music.	December- March
A cinematic experience	The life and work of John Williams Using chord voicings and inversions to express moods and convey emotions Using intervals to express moods and convey emotions Creating chords Layering texture using DAW	April- June

Course Outline 2024-2025

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 have also been asked to get themselves 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

- Protest music: Investigation, presentation, process journal, artistic intent and final product/performance.
- Jazz: Investigation, presentation, process journal, artistic intent and final product/performance.
- A cinematic experience: Investigation, presentation, process journal, artistic intent and final product / performance.

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

Course Outline 2024-2025

Media

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 M4 and M5, students focus on only **one** of the Art disciplines which is taught throughout 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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
Documentaries	<ul style="list-style-type: none"> • What is a documentary and what types are there? • The importance of the protagonist • Locations • mood walls • Script Writing • Shooting plan • Audiovisual storytelling • Interviews • Creative process • How to translate an idea into a specific project • Sound editing. 	August - November
Representations of race (IDU between the Arts and English Language & Literature)	<ul style="list-style-type: none"> • Formats • Shots • Angles • Colours • Compositions • Camera movements, 	December- March
Commercials	<ul style="list-style-type: none"> • Researching client(s) • Idea Briefs • Script • Shot list, • Moodboards, • Shots • Compositions • Lights • Editing 	April- June

Course Outline 2024-2025

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 have also been asked to get themselves 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: Research an artist/artwork/performer and critique 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)

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

Course Outline 2024-2025

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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. Submerged (First Lego League project - <i>robot game optional</i>)	<ul style="list-style-type: none"> ● Researching the theme 'Submerged' - exploring the ocean and our responsibilities in having a healthy ocean to support the future. ● Understanding the importance of documentation of our process. ● Exploring our strengths in Design through the use of the Design cycle. 	August - November
2. Living together in a highly interconnected world - designing a board game	<ul style="list-style-type: none"> ● Following the design cycle to design and create a board game. ● Investigating how to create connections between people and communities. ● Researching topics to include in a board game that connects people. 	December - March
3. Mock E-portfolio - You are never too small to make a difference.	<ul style="list-style-type: none"> ● Using a past e-portfolio task. ● Identifying a problem. ● Researching a specific target audience. ● Developing a design brief. ● Developing a design specification. ● Developing a design solution using sketches, 3D modelling and other prototyping techniques. ● Evaluating against design specification. 	March - June

Course Outline 2024-2025

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 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
The FLL competition: Finished product and documented material on how the student developed a design solution.
- Task 2
Living together in a highly interconnected world: Designing and creating a board game and submitting documentation of the process.
- Task 3
You are never too small to make a difference: Finished product and design portfolio documenting how the student developed a design solution.

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

Course Outline 2024-2025

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 M4

Topic/Unit Name	Main Content	Tentative Time Frame
1. I am your coach	A coach-client situation relationship. Choice of individual topic interest. How to research and communicate knowledge. Development of different skills used in the chosen sport. Develop training plans to improve and achieve their client's physical and health goals. Apply and demonstrate their own physical skills and reflect on the whole experience.	August - November
2. Movement concept	Basic movement techniques and components, body awareness, spatial awareness, effort awareness, flow, connection between usage of space and different body parts, balance.	November-March
3. Volleyball	Teamwork and skill development. Learning different skills such as passing, serving, smashing cooperation, movement in the court, Participating in a volleyball tournament against other teams in Billund kommune.	November-March
5. School Olympics	Students will learn proper techniques and various skills on athletics, rowing, orienteering, triathlon. They will participate in the school olympics and apply their learnt skills as a team.	March-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 OneNote or Google Classroom.

Course Outline 2024-2025

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, 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 E-portfolio: Students will go through a coach-client scenario for E-portfolio, simulating the next year exam. In this unit, students will be assessed on crit A, B, C and D.
- Task 2 Volleyball: Students will participate in a volleyball tournament against other schools in Billund Kommune. Also, reflect on their learning. In this unit, students will be assessed on crit A,B, C and D.
- Task 3 – Movement concept: Students will show knowledge and understanding of the movement concepts. In this unit students will be assessed on crit A.
- Task 4 – School Olympics: Students will participate in the School Olympics with other schools around Denmark and apply the skills learned during the unit. Reflect on their own learning. 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.