



THE INTERNATIONAL SCHOOL IN GENOA
SINCE 1966

SL Chemistry 2021/2022

Welcome to Grade 11 IB DP SL Chemistry. In this welcome letter, you will find all the information you will need for this course.

Teachers: Giovanna Lavagnini

How can I contact my teachers?

Emails: giovanna.lavagnini@isgenoa.it

Office: 312

What resources do I need?

Equipment Required: simple calculator, ruler and square notebook

Course Textbook: Pearson IB DP SL Chemistry (optional: Oxford IB Study Guide Chemistry DP)

Google classroom code: 34pvsaf

What will I be studying?

Students will learn a variety of skills including chemistry lab techniques, interpretation of data, making connections among pieces of content such as stoichiometry, electrochemical cells and atomic theory to name a few.

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessment will be announced at least one week in advance.

Homework expectations: Students will receive 120 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



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DP History (Year 1) 21/22

“Trust only him who doubts.”
— Lu Xun

Welcome to Grade 11 History! I can't tell you how much I am looking forward to being your History teacher this year.

In this welcome letter, you will find all the information you will need for this course.

Teacher: Ms. Atterton

How can I be contacted?

Emails: ella.atterton@isgenoa.it

Office: TBC

What resources do I need?

Equipment Required:

- Laptop – note taking or research tasks
- Notebook – if this is how you prefer to take notes in class
- One folder for hand-written assessments (preferably with a ring-binder)

Google classroom code: hmcv12t

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

What will I be studying?

Course Overview

The IB Diploma Programme History course of study is a two-year curriculum at both the Standard and Higher Levels, which consists of a core curriculum that includes a prescribed subject and topic of units. Our core curriculum will focus on 20th Century World History.



Who	Assessment	Topic Description
SL & HL	Paper 1 – Source Based	<p>Subject 3 - The Move to Global War</p> <p>This prescribed subject focuses on military expansion from 1931 to 1941. Two case studies are prescribed, from different regions of the world, and both of these case studies must be studied. The first case study explores Japanese expansionism from 1931 to 1941, and the second case study explores German and Italian expansionism from 1933 to 1940. The focus of this prescribed subject is on the causes of expansion, key events, and international responses to that expansion. Discussion of domestic and ideological issues should therefore be considered in terms of the extent to which they contributed to this expansion, for example, economic issues, such as the long-term impact of the Great Depression, should be assessed in terms of their role in shaping more aggressive foreign policy.</p>
SL & HL	Paper 2 – Essay Based	<p>Topic 10 - Origins and Development of Authoritarian and Single Party States</p> <p>This topic focuses on exploring the conditions that facilitated the rise of authoritarian states in the 20th century, as well as the methods used by parties and leaders to take and maintain power. The topic explores the emergence, consolidation and maintenance of power, including the impact of the leaders’ policies, both domestic and foreign, upon the maintenance of power. Examination questions for this topic will expect students to make reference to specific authoritarian states in their responses, and some examination questions will require discussion of states from more than one region of the world. In order for students to be able to make meaningful comparisons across all aspects of the prescribed content, it is recommended that a minimum of three authoritarian states should be studied. We will study:</p> <ul style="list-style-type: none"> • Cuba under Fidel Castro • Germany under Adolf Hitler and the Nazi regime • Communist China under Mao Tse-tung • Fascist Italy <p>Topic 12 - The Cold War</p> <p>The Cold War dominated global affairs from the end of the Second World War to the early 1990s. This topic focuses on how superpower rivalries did not remain static but changed according to styles of leadership, strength of ideological beliefs, economic factors and crises involving client states. The topic aims to promote an international perspective on the Cold War by requiring the study of Cold War leaders, countries and crises from more than one region of the world.</p>
HL	Paper 3 – Essay Based	<p>Topic 14: European states in the inter-war years (1918–1939)</p> <p>This section deals with domestic developments in certain key European states in the period between the two world wars. It requires the study of four European countries: Germany, Italy, Spain and any one other country</p>



		<p>(Russia). The section considers the impact of the end of the First World War, then examines the economic, social and cultural changes in each country during the 1920s and 1930s.</p> <p>Topic 15: Versailles to Berlin: Diplomacy in Europe (1919–1945)</p> <p>This section addresses international relations in Europe from 1919 to 1945 with initial emphasis on the Paris Peace Settlement: its goals, impact and the problems relating to its enforcement. The section covers attempts to promote collective security and international cooperation through the League of Nations and multilateral agreements (outside the League mechanism), arms reduction and the pursuit of foreign policy goals without resort to violence. This section also addresses the individual foreign policies of Italy, Germany, France, Britain and Russia/Soviet Union, looking at the aims, issues and success of each one. It concludes with a study of the Second World War, looking particularly at the impact of the war and the reasons for German defeat and Allied victory.</p> <p>Topic 16: The Soviet Union and post-Soviet Russia (1924–2000)</p> <p>This section examines the consolidation of the Soviet state from 1924 and the methods applied to ensure its survival, growth and expansion inside and outside the borders of the Soviet Union. It explores the rise and nature of the rule of Stalin, Khrushchev, Brezhnev and their policies. East–West relations post-1945 in relation to Soviet aims and leadership should also be considered. Finally, the decline and collapse of the Soviet Union should be considered, as well as political and economic developments in post-Soviet Russia.</p>
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Evaluation of Student Progress

Similar to other IB Diploma Programme courses, ISG History students will be formally assessed both internally and externally upon completion of their two year program.

Standard and Higher Level students will be assessed by:

- 1) External Examination – May 2023 (Paper 1, Paper 2, Paper 3 (HL))
- 2) Internal Assessment – Fall 2022, final deadline TBC

The chart below highlights how students at both levels will be assessed for these two assessments:

Form of Assessment	SL/HL?	Percentage of Total Mark
External Examination:		
Paper 1: Source Based Paper (60 mins)	SL & HL	30% SL 20% HL
Paper 2: Essay Based Paper (90 mins) <i>2 essays (1 for Authoritarian States & 1 for Cold War)</i>	SL & HL	45% SL 25% HL



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Paper 3: Essay Based Paper (150 mins) <i>3 essays (spread across the topics studied)</i>	HL	35% HL
Internal Examination:		
Internal Assessment (IA): 2200 word max research paper. The IA is a historical investigation problem-solving activity that enables students to demonstrate the application of their skills to a specific historical topic. The purpose of the IA is for students to apply the skills of a historian by selecting, evaluating, and analysing evidence and sources to reach a conclusion.	SL & HL	25% SL 20% HL

Outside of Class

- **Textbook Readings** – Students will be required to complete specific readings throughout the year. It is important to not just read, but to actually organize the information to add to your notes to make studying easier.
- **Internal Assessment** – Throughout the year, students must meet specific deadlines regarding the completion of the IA. Due date reminders will be sent throughout the year.

Resources

- Laptop – note taking or research tasks.
- Notebook – if this is how you prefer to take notes in class.
- One folder for assessments (preferably with a ring-binder).

Specific Student Expectations

- 1. It is absolutely vital to keep up with the readings!**
 - You will have, on average, 30 (SL) to 40 (HL) pages to read a week. Understand that the lessons alone are not enough to reach your best possible scores on the IB exam as the lessons are based around “Big Ideas.” The textbook provides specific pieces of evidence that are absolutely necessary to presenting the best possible essay for both Paper 2 and Paper 3.
 - Outside of the assigned readings, I encourage you to read widely! I will release a ‘recommended reading list’ to accompany each unit; however, articles on modern current affairs, podcasts and novels of your own choice are just as important. It is breadth and depth of reading and listening that will help you to develop your own written expression.
- 2. In case of absence:**
 - It is the student’s responsibility to make the notes that are missed in class.
 - All lessons and the class slides are available on Google Classroom.





- Students may also wish to get the notes from their fellow students - please help each other.

3. In case of late or missing work:

- It is the students responsibility to contact the teacher, via email or verbally, explaining the reason why the assignment is late.
- The response, “I did not understand what I had to do,” is not a valid reason. If students are having difficulties, they must contact the teacher, well before the due date, to help clarify any issues that students may have.
- Students will always be given an appropriate amount of time to complete all informal and formal assessments. Students should not wait until the day before an assignment is due to begin.

4. In case you need extra help:

- Ask a friend.
- Organize a time with the teacher to meet to discuss a specific topic.
- Do not wait for the last minute; be proactive!



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Italian A: Letteratura - IB DP 2021-22

Welcome to **11th Italian A: Letteratura**. In this welcome letter, you will find all the information you will need for this course.

Teachers: Fulvia Gabinio

How can I contact my teachers?

Emails: fulvia.gabinio@isgenoa.it

Office: 317

What resources do I need?

Equipment Required: Portalistini; Dizionario di Italiano, chiavetta Usb.

Course Textbook:

- *Edipo re*, Sofocle
- *Il profumo*, Suskind
- *Novelle per un anno*, Pirandello
- *Mistero buffo*, D.Fo
- *Divina commedia*, Dante
- *Sostiene Pereira*, Tabucchi
- *Cyrano de Bergerac*, Rostand

Google classroom code: 7etrb3r

What will I be studying?

Il corso si svolgerà secondo le coordinate del programma IB Italiano A: Letteratura; i rispettivi testi (sopra indicati) verranno affrontati ed analizzati secondo le seguenti aree di esplorazione: - Luogo e tempo, Lettori, scrittori e testi, Intertestualità, individuando e sviluppando i relativi aspetti ed argomenti intorno ai seguenti concetti chiave:

Identità, Cultura, Creatività, Comunicazione, Prospettiva, Trasformazione, Rappresentazione.

Ogni studente elaborerà nel corso del programma un portfolio su cui annoterà: argomenti, domande, particolarità, interrogativi, aspetti significativi, collegamenti, riflessioni, ecc. relativi alle opere ed ai testi esaminati.

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2



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weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 60 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.





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11th IB English B 2021-2022

Welcome to Grade 11th English B. In this welcome letter, you will find all the information you will need for this course.

Teacher: Marcella Martini

How can I contact my teacher?

Emails: marcella.martini@isgenoa.it

Office: room 204

What resources do I need?

Equipment Required: computer, binder with lined paper, general stationary

Course Textbook: Oxford IB English B Course Companion

Google classroom code:

<https://meet.google.com/lookup/hpxmznpunq?authuser=0&hs=179>

Specific expectations:

- Check Powerschool, Google Classroom and school email at least daily.
- Bring books and materials (for example, your computer must be available, functioning and charged).
- Keep paper materials orderly in a folder+notebook or in a display binder, organize class files in a dedicated computer folder, keep up with Google classroom.
- If there are problems with homework, contact me BEFORE the deadline.

What will I be studying?

In all IB Language B programs in the world the development of oral and written communicative skills emphasises receptive, active listening skills and personal, social, interdisciplinary and reflective engagement in the development of our multicultural identity. In language B the IB goal of making the world a better place through education is explicit at every stage.

Topics (by semester)

- 1 Identity (lifestyles, mental health, healthy life),
- 2 Experiences (migration, holidays and travel, leisure activities),
- 3 Human Ingenuity (artistic expression, media and communication, entertainment),
- 4 Social Organization (community, social engagement, social relationships)
- 5 Sharing the Planet (environment, urban and rural environment, the sustainability challenge)

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 120 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



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11th Grade IB Biology, 2021/22

Welcome to Grade 11 IB Biology. In this welcome letter, you will find all the information you will need for this course.

Teachers: Mr Kubenk

How can I contact my teachers?

Emails: david.kubenk@isgenoa.it

Office: 312

What resources do I need?

Equipment Required: Notebook, charged computer, writing materials, calculator

Textbook: Pearson Baccalaureate Biology (SL and HL are different versions)

Google classroom code: mrd36lq

What will I be studying?

Students will be studying at least the first five topics from the standard level course with the potential to complete the final topic which is human physiology. Below is a list of topics:

Topic 1: cell biology

Topic 2: molecular biology

Topic 3: genetics

Topic 4: ecology

Topic 5: evolution

How will I be assessed?

Assessment: Students will be assessed formatively using both online assessment tools (kognity) as well as summatively using end of unit in class tests. For longer units there will be . There will be January exams which will also help prepare students for May. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 120-150 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.

Welcome to 11th Grade Italian Ab initio In this welcome letter, you will find all the information you will need for this course.

Teacher: Christoph Schaefer

How can I contact my teachers?

Emails: christoph.schaefer@isgenoa.it

What resources do I need?

Equipment Required: a notebook, computer, pen, pencil, colours.

Course Textbook: Deutsch im Einsatz. German B for the IB Diploma. Coursebook (second edition), Cambridge University Press

And: same title, workbook.

Google classroom code: 3n4d5pp

What will I be studying?

The IB DP language ab initio course is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language ab initio course develops students' linguistic abilities through the development of receptive, productive and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language ab initio is available at standard level only.

Prescribed Themes:

- Identities – personal attributes; personal relationships; eating and drinking; physical wellbeing.
- Experiences – daily routine; leisure; holidays; festivals and celebrations.
- Human ingenuity – transport; entertainment; media; technology.
- Social organisation – neighbourhood; education; the workplace; social issues.
- Sharing the planet – climate; physical geography; the environment; global issues.

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB MYP/DP assessment rubrics and receive feedback



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within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 90 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.





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Grade 11 IB DP Visual Arts 2021-2022

Welcome to Grade 11 IB DP Visual Arts. In this welcome letter, you will find all the information you will need for this course.

Teachers: Massimo Palazzi

How can I contact my teachers?

Emails: massimo.palazzi@isgenoa.it

Office: 213

What resources do I need?

Equipment Required: 2B pencil, eraser, sharpener, A4 hard cover sketchbook, laptop

Course Textbook:

Google classroom code: sroe4gr

What will I be studying?

The Visual Arts IB Diploma Programme encourages students to challenge their own creativity, cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with, and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts.

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a studio work, a presentation, an essay or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 120 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



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11th Grade Italian Ab initio

Welcome to 11th Grade Italian Ab initio In this welcome letter, you will find all the information you will need for this course.

Teachers: Chiara Borselli

How can I contact my teachers?

Emails: chiara.borselli@isgenoa.it

Office: 317

What resources do I need?

Equipment Required: a notebook, computer, pen, pencil, colours.

Course Textbook: *Progetto Italiano, Via della grammatica*, libri di narrativa forniti dall'insegnante.

Google classroom code: megskaz

What will I be studying?

The IB DP language ab initio course is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language ab initio course develops students' linguistic abilities through the development of receptive, productive and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations.

Prescribed Themes:

- Identities – personal attributes; personal relationships; eating and drinking; physical wellbeing.
- Experiences – daily routine; leisure; holidays; festivals and celebrations.
- Human ingenuity – transport; entertainment; media; technology.
- Social organisation – neighbourhood; education; the workplace; social issues.
- Sharing the planet – climate; physical geography; the environment; global issues.

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB MYP/DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

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Homework expectations: Students will receive 30 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.

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Course Overview and Policies

French, 11th Grade French B/HL Mme Micheli

Bienvenue en classe de Français!

Welcome note / Course Overview:

“Language B is a language learning course designed for students with previous experience of the language. The main focus of the language is on language acquisition and the development of language skills. These language skills (are) developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts. The material should be chosen to enable students to develop mastery of language skills and intercultural understanding. It should not be intended solely for the study the study of specific subject matter or content. “

(IB Diploma Programme guide: Language B, first examinations 2020)

The course is taught during four weekly one-hour period, divided into four blocks. Every block is dedicated to one of the following aspects of language proficiency:

- 📖 Reading (linguistic and cultural development through articles/literature)
- 📖 Structure (systematic grammatical development through authentic communicative contexts)
- 📖 Performance (implementation and reinforcement of taught skills, assessments, mock examinations)

The two years course enable the student to pass the DELF B2 exam delivered by the French Ministry.

Topics

The core is divided into five areas and is a required area of study:

- Identities
- Experiences
- Human Ingenuity
- Social Organization
- Sharing the planet

Also, at HL, students read two works of literature on which the Oral exam is based.

Evaluation of progress / grading policy and turn-around time:

Assessment objectives

There are six assessment objectives for the language B course. Students will be assessed on their ability to:

1. *Communicate clearly and effectively in a range of situations, demonstrating linguistic competence and intercultural understanding*
2. *Use language appropriate to a range of interpersonal and/or cultural contexts*
3. *Understand and use language to express and respond to a range of ideas with accuracy and fluency*
4. *Organize ideas on a range of topics in a clear, coherent and convincing manner*
5. *Understand, analyze and respond to a range of written and spoken texts*
6. *Understand and use works of literature written in the target language of study (mandatory at HL, optional at SL)*

(IB Diploma Programme guide: Language B, first

examinations 2020)

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Formative assessments: oral readings and recordings, sustained conversation, structured debates and class interaction, comprehension tests, grammatical exercises, written compositions.

Summative assessments: comprehensive unit tests, mock examinations and semester examinations.

Homework

Students will receive homework three times a week, as in the past on a weekly basis, for example HW assigned on Tuesday will be due Tuesday, HW assigned on Friday will be due the next Friday and will be immediately checked and corrected. It will last around 30 minutes.

Communication

Students are always welcome to speak to me, ask for help, clarification during classes or after classes. If a student is absent for a lesson, it is very important that he/she catch up through ManageBac. For clarification students and parents can email me: eva.micheli@isgenoa.it or find me in my office, room 204.

Google classroom code: <https://classroom.google.com/c/Mzg2MzExNzk2MTg5?cjc=p6lijyz>

Resources used:

- IB diploma program FRENCH B, Oxford University press.
- access multi-French written/auditory dictionaries (e.g. <http://fr.thefreedictionary.com/>)
- online resources
- IB past papers

Our school's mission is for everyone to demonstrate the ISG community themes of
RESPECT, RESPONSIBILITY, AND REACHING FOR EXCELLENCE.



Grade 11 Economics 2021-2022

Welcome to Grade 11 *Economics*. In this welcome letter, you will find all the information you will need for this course.

Teachers: *Ying Zhou*

How can I contact my teachers?

Emails: *ying.zhou@isgenoa.it*

Office: 203

What resources do I need?

Equipment Required: *Pencil, pen, ruler, sharpener, eraser, notebook, calculator, fully charged laptop*

Course Textbook: *IB Economics*

Google classroom code: <https://meet.google.com/lookup/eze5ellhr4>

What will I be studying?

Units of study include: Introduction to Economics, Microeconomics and Macroeconomics

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 60 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



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Grade 11 Mandarin 2021-2022

Welcome to *Grade 11 Mandarin*. In this welcome letter, you will find all the information you will need for this course.

Teachers: *Ying Zhou*

How can I contact my teachers?

Emails: *ying.zhou@isgenoa.it*

Office: 311&310

What resources do I need?

Equipment Required: *Pencil, pen, ruler, sharpener, eraser, notebook, fully charged laptop*

Course Textbook: *Explorer 1 & 2*

Google classroom code: <https://meet.google.com/lookup/arshq3vfrk>

What will I be studying?

Units of study include: unit 1 Identities, Unit 2 Experiences

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 60 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



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Grade 11 Math Analysis and Approaches

Welcome to Grade 11 math. In this welcome letter, you will find all the information you will need for this course.

Teachers: Derek Hamm

How can I contact my teachers?

Emails: derek.hamm@isgenoa.it

Office: Room 312

What resources do I need?

Equipment Required: *Pencil, pen, ruler, sharpener, eraser, notebook, scientific + graphing calculator, protractor, pair of compasses, fully charged laptop*

Course Textbook: *Pearson: Mathematics Analysis and Approaches for the IB Diploma*

Google classroom code: 2bif55b

What will I be studying?

Number, Algebra and Functions Basics	Review of linear functions, range, domain, composite, inverse, transformations
Functions	Quadratic, polynomial, rational, factor and remainder theorem, equations and inequalities, partial fractions
Sequences and Series	Arithmetic and geometric, infinite sums, Sigma notation, binomial theorem
Exponential and Logarithmic Functions	Sketching graphs, growth and decay, equations
Proof (HL only)	direct and indirect proofs, mathematical induction
Trigonometric Functions and Equations	Radians, unit circle, graphs, inverse trig functions, equations and identities
Geometry and Trigonometry	distance in R^2 and R^3 , sine and cosine rule, volume, surface area
Complex Numbers (HL only)	algebra, Argand plane, conjugates, polar form, roots and De Moivre's theorem
Vectors, Lines and Planes (HL only)	algebra, scalar and cross product, lines, planes

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2

Respect, Responsibility, Reaching for Excellence





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weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 60 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.





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11th grade Physics 2021-2022

Welcome to *11th grade Physics*. In this welcome letter, you will find all the information you will need for this course.

Teacher: Matteo Merlo

How can I contact my teacher?

Email: matteo.merlo@isgenoa.it

Office: 312

What resources do I need?

Equipment Required: *Pencil, pen, ruler, sharpener, eraser, notebook, graphing calculator TI NSPIRE CX, laptop.*

Course Textbook: *Tsokos A., Physics for the IB Diploma 6th ed., Cambridge University Press*

Google classroom code: ovd4bxa

What will I be studying?

Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles to the vast distances between galaxies. Both theory and experiments will be undertaken by all students. They should complement one another naturally, as they do in the wider scientific community. Topics covered will be Measurements and Uncertainties, Mechanics, Thermal Physics, Oscillations and Waves, Electricity and Magnetism, Circular motion and gravitation.

How will I be assessed?

Assessment: Students will be assessed in line with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive *150* minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



THE INTERNATIONAL SCHOOL IN GENOA
SINCE 1966

Grade 11, Maths AI SL 2021-2022

Welcome to Grade 11 Maths. In this welcome letter, you will find all the information you will need for this course.

Teachers: Jacob Padilla

How can I contact my teachers?

Emails: jacob.padilla@isgenoa.it

Office: 312

What resources do I need?

Equipment Required: *Pencil, pen, ruler, sharpener, eraser, notebook, scientific + graphing calculator, protractor, pair of compasses, fully charged laptop*

Course Textbook: *Pearson Mathematics Applications and Interpretation (SL)*

Google classroom code: *fmzwmdo*

What will I be studying?

Topics will include: Numbers/Algebra; Functions; Sequences and Series; Geometry and Trigonometry; Modelling real-life phenomena; Descriptive statistics; Modelling real-life phenomena 2; Statistical analysis; Bivariate analysis; Probability

How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

Homework expectations: Students will receive 120minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.



THE INTERNATIONAL SCHOOL IN GENOA
SINCE 1966

11th Theory of Knowledge 2021-2022

Welcome to Grade 11th Theory of Knowledge. In this welcome letter, you will find all the information you will need for this course.

Teacher: Marcella Martini

How can I contact my teachers?

Email: marcella.martini@isgenoa.it

Office: 204

What resources do I need?

Equipment Required: Computer, general stationery, a piece of poster paper

Course Textbook: Kognity TOK

Google classroom code:

<https://meet.google.com/lookup/hk3ztdbdre?authuser=0&hs=179>

What will I be studying?

the TOK course encourages students to critically explore, analyse, assess and evaluate both knowledge as an aspect of our life experience and the process by which we acquire it. This is mainly done try by exploring knowledge questions suggested by IB program designers. Those are questions not about content, but about the concepts underlying knowledge itself. For example:

What counts as knowledge?

How can we judge if evidence is accurate?

Who owns knowledge?

There are now three main interconnected parts:

1. Core Theme: Knowledge and the Knower
2. Other Themes: Knowledge and Language, Knowledge and Technology
3. Areas of Knowledge: History, Human Sciences, Natural Sciences, Maths, the Arts

Their study is organised into four elements:

- A. Scope
- B. Perspectives
- C. Methods and Tools
- D. Ethics

Respect, Responsibility, Reaching for Excellence





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How will I be assessed?

Assessment: Students will be assessed inline with the ISG Assessment Policy. Students will be assessed by using both formative and summative assessments. Formative assessments will take place during every lesson and summative assessments at the end of a unit. This could be in the form of a presentation, poster, essay, traditional exam or other method of assessment. Students will be assessed using the IB DP assessment rubrics and receive feedback within 2 weeks of submitting the assessment. Assessments will be announced at least one week in advance.

There are two assessment tasks, an internal assessment and an external assessment. Students will be expected to organise an exhibition exploring one of 35 mandatory IB TOK knowledge questions. This assessment task will take place this year during the 4th quarter.

The other assessment task, the IB TOK essay, represents the entirety of the TOK workload in 12th grade.

Homework expectations: Students will receive 100 minutes of homework each week. Homework will relate to the unit of study. Homework is an extremely important element of learning, so students should strive to complete homework on time and to a high standard.

