

Mid-Term Examination Syllabus December 2025

Grade- 10 (IB MYP Year –V)

Date	Day	Subject	Duration
3-12-25	Wednesday	Integrated Humanities	2 hours
4-12-25	Thursday	Holiday	
5-12-25	Friday	Biology	2 hours
8-12-25	Monday	English	2 hours
9-12-25	Tuesday	Holiday	
10-12-25	Wednesday	Chemistry	2 hours
11-12-25	Thursday	Holiday	
12-12-25	Friday	Mathematics	2 hours
13-12-25	Monday	German	1.5 hours
14-12-25	Tuesday	Physics	2 hours
15-12-25	Wednesday	Urdu	1.5 hours

Language Acquisition	German
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Task 1: Criterion A: Listening

Edpuzzle.com Video „Schule“, „Mode“ oder Organisation“

Task 2: Criterion B: Reading.

- Course book Page 30, Lesson 23, exercise 01
- Course book Page 32, Lesson 23, exercise 07
- Course book Page 37, Lesson 24, exercise 08
- Course book Page 38, Lesson 24 (Landeskunde), exercise 01
- Course book Page 44, Lesson 25, exercise 01

Task 3: Criterion C: Speaking

Mach eine Präsentation über das gegebene Thema, dann beantworte die Fragen:-

Der Urlaub, Das Wohnen, Die Familie, Die Schule, Das Wetter, Medien und Stadt

Task 4: Criterion D: Writing

- Option 1: Du bist Schüler/in an einer internationalen Schule. Deine deutsche Austauschpartnerin Lisa möchte wissen, wie und wo du wohnst.
- Schreibe ihr eine E-Mail (80–100 Wörter) und erzähle:
 - In welcher Stadt oder Gegend du wohnst
 - Wie deine Wohnung/dein Haus aussieht
 - W]as dir an deinem Zimmer gefällt oder nicht gefällt
 - Wo du in Zukunft gern wohnen möchtest und warum
- Option 2: Du schreibst einen Blogeintrag (80–100 Wörter) über deine letzte oder nächste Reise für die

Schulwebseite.

Beschreibe:

- Wohin du gereist bist oder reisen möchtest
- Wie du gereist bist (Zug, Flugzeug usw.)
- Was du dort gemacht oder erlebt hast
- Warum diese Reise besonders war

Option 3: Du sollst in der Schulzeitung (80–100 Wörter) einen kurzen Text zum Thema „Medien im

Alltag“ schreiben.

Schreibe darüber:

- Welche Medien du jeden Tag benutzt (z. B. Handy, Internet, Fernsehen)
- Wofür du sie nutzt (z. B. Lernen, Kommunikation, Unterhaltung)
- Welche Vorteile und Nachteile du siehst
- Wie du einen Tag ohne Medien verbringen würdest

	Topics: 1.Comprehension passage 2.Summary writing 3.Essay writing 4.E-mail writing 5.Letter writing 6.Listening (Audio)
Language & Literature	English Language & Literature
	1. Analysis Explicit and implicit short analytical questions including: - Comment - Effect of language - Author's purpose - Outlining information - Comparison of written and visual text (voice, tone, language, content) 2. Producing literary text: - narrative/descriptive essay on a visual prompt 3. Producing non-literary text
	Integrated Humanities
Individuals & Societies	Entire syllabus of Integrated Humanities & Economics.
Mathematics	Mathematics

	Thinking with models • Mappings • Function notation • Linear functions • $y = mx + c$ (see also spatial reasoning) • Parallel and perpendicular lines (see also spatial reasoning) • Systems of equations/ simultaneous equations • Quadratic functions • Algorithms Spatial reasoning (Geometry) • Metric conversions • Volume of regular polyhedra • Similarity and congruence • Coordinate geometry, including distance, midpoint, and gradient formulae • $y = mx + c$, gradients, and intercepts (see also functions and models) • Gradient of parallel lines • Circle geometry Spatial reasoning (Trigonometry) Triangle properties • Bearings • Pythagoras' theorem • Trigonometric ratios in right-angled triangles	Reasoning with data • Simple discrete data and classifications • Data collection and generation (including surveys) • Graphical representations (including pie charts, bar charts, stem and leaf plots, pictograms) • Data visualizations and infographics • Data processing: measure of central tendency (mean, mode and median) for discrete and grouped data • Measures of dispersion: range • Limitations and context in statistical enquiry • Qualitative handling of probability • Probability of simple events • Sample spaces • Probability scale, including significance of number • Theoretical probability and experimental probability • Sampling techniques • Data manipulation and misinterpretation • Graphical representations (including bivariate graphs, scatter graphs, box plots, cumulative frequency graphs) • Lines of best fit • Data processing: quartiles and percentiles • Measures of dispersion: interquartile range • Correlation, qualitative handling • Relative frequency • Response rates • Sets, including notation and operations up to three sets • Probability with Venn diagrams, tree diagrams and sample spaces
Design	Design	

	Portfolio Submission	
Arts	Visual Arts	
	Unit Portfolio submission	
Sciences	Biology	
	<u>Topics</u> All units and topics Refer to IB Biology by Hodder publication	
	Physics	
	[Complete Syllabus] Unit 1 — General Physics: forces, energy, motion, states of matter, density, pressure, work & power, gravity, energy resources Unit 2 — Static Electricity and Current Electricity • Electric fields and static electricity • Current, voltage, resistance, and power in circuits, Ohm's law Unit 3 — Space Physics: • the solar system • planets & satellites • Big Bang theory	Unit 4 — Waves • Wave basics: transverse vs longitudinal; wavelength, frequency, amplitude • Sound waves and their properties • Wave phenomena: reflection, refraction, diffraction, interference • Wave equation and problem solving • Light waves and refractive index. Unit 5 — Atomic & Nuclear Physics: • atomic structure • particles, radioactivity, • decay & half-life • radiation uses & risk
	Chemistry	
	<u>Topics</u> 1.Introduction to organic chemistry 2.Alkanes and Alkenes	3.Alcohols and Carboxylic acids 4. Macromolecules 5. Chemical Calculations
	<u>Physics, Chemistry, Biology:</u> Notebooks, RA and PowerPoint uploads on teams must be used as resource	

- Note:** 1. Regular classes shall be observed during the Mid-term Exams.
2. Regular attendance of the students must be ensured.
 3. Cutting, erasing and use of blanco shall not be allowed.
 4. Bring your own stationery for examinations.
 5. No one shall be exempted from the Mid-Term exams.

Asma Imran

(Principal – One World Campus)

Kanwal Ahmad

(IB MYP Coordinator)