

Curriculum Map IBDP Elverum Vgs

IB1 2025–2026

Month	Group 1 Language A		Group 2 Language B		Group 3 Social Sciences			Group 4 Natural Sciences			Group 5 Math		Core
	Norwegian	English	Norwegian	English (not offered this year)	GP	History	Psychology	Biology	Chemistry	Physics	AA	AI	TOK
September	Ibsen: Gjengangere: På hvilken måte kan litteratur skape endring?	Readers, writers, texts: Why and how do we study language and literature? How are we affected by texts in various ways? How does language use vary among text types and among literary forms? Works: Ava duVernay, 13th	Identitet: Hva er norsk kultur?	Identity: Who are those who live in the “shadows” of our society, and what is the impact of this?	Definitions of power Types of power News reports How does power operate on the stage of global politics?	P1: The move to global war Japanese expansion in East Asia 1931-41 What were the origins of Japanese militarism and nationalism?	Research methods What considerations must a psychologist make when setting up a research experiment?	UNITY AND DIVERSITY Molecules and cells: What properties and features of molecules and cells make them essential for life?	Intro to particulate nature of matter: How can we model matter as an assembly of particles? The nuclear atom: What is there inside an atom? What is the difference between subatomic particles?	Kinematics: Motion, Force, Energy How can we model linear motion with constant acceleration? How does the concept of force affect our model of motion?	Number and algebra: What is the link between geometry and trigonometry? What is a logarithm and why do we use it?	Number and algebra: What are some different ways we can communicate numbers? Which ways are practical for which numbers?	Knowledge and the knower: Why should we care about acquiring knowledge?
October	Fonn: Kinderwhore Hvordan byr litterære tekster på innsikt og utfordringer? Hvordan formidles traumer i Kinderwhore?	Readers, writers, texts: How does language use vary among text types/literary forms? How does structure/style of a text affect meaning? How do texts offer insights & challenges? Intertextuality In what ways can diverse texts share points of similarity? Works: Kendrick Lamar, To Pimp a Butterfly	Erfaringer: Utenforskap	Identity/Society: To what extent is our treatment of certain groups influenced by our culture/religion?	Actors and stakeholders in global politics (e.g. states, NGOs, IGOs, MNCs, social movements) Theories (realism, liberalism) Which actors exercise power in global politics? What type(s) power do they possess?	P1: The move to global war Italian expansion (1933–1940) What factors encouraged Italy to expand into Ethiopia?	Sociocultural approach to understanding behaviour The individual and the group How do psychologists study the effect of sociocultural factors on human behavior?		Electron Configuration: How to model where electrons are based on their energy state? Mol: How to quantify matter in atomic level? Gas: How can we predict behavior by definition of ideal gas?	Kinematics: Energy Momentum How do we use the concept of energy and work in physics? What is the link between momentum, force and energy?	Functions: What is a mathematical function, and what is not a function?	Functions: How can we convey the relation between two variables?	
November	Carl Frode Tiller: Innsirkling Hvordan kan skrivning fungere som et verktøy for motstand?	Readers, writers, texts: How does language use vary with text types and literary forms? How does the structure or style of a text affect meaning? How do texts offer insights and challenges? Intertextuality In what ways can diverse texts share points of similarity? Works: Carol Ann Duffy, The World’s Wife	Menneskelig skaperkraft: Hvordan påvirker kunst oss?	Novel: What themes are explored in our novel and how do they relate to our study of identity so far?	Interdependence 2015 European Migration Crisis Case study method What are some of the strengths and weaknesses of the case study method?	P3: Diplomacy in Europe <i>“To what extent did the Paris peace treaties achieve the aims of the peacemakers?”</i>	Sociocultural approach Culture and its effect on behaviour and cognition To what extent is our behavior determined by the society and culture in which we live?	Organisms: What characterizes the diversity and classification of organisms?	Models of structure and bonding: How do elements of matter bond? Ionic bonding Covalent bonding Metallic bonding From bonding to materials: How do bonding and structure influence material design	Rigid Body Mechanics How do we model circular motion?	Quadratics: How can we use quadratics to model real world situations?	Functions and modelling: How can mathematics be used to model real life phenomena?	Knowledge and Politics: Why do facts sometimes not change our minds?
December	Hans Børli Hvordan kan nærlesning gi oss økt forståelse av litterære tekster?	Intertextuality: How can texts offer multiple perspectives of a single issue, topic or theme? In what ways can comparison and	Sosial organisering: Jul og høytid	Identity: Visual Art: How does the artist Matthew Krishanu make a point about race, empire and	Sources of legitimacy Types of states (liberal democracy, theocracy, authoritarianism) Case study: China	German expansion (1933-1940) Why did Britain pursue a policy of appeasement in response to	Sociocultural approach Globalization How do psychologists study the effects	Ecosystems: How has evolution resulted in diversity and how can conservations minimize the loss of it?		Rigid Body Mechanics How do we apply the concepts of force, energy	Functions: What limits a function? When can a function exist and not exist?	Modelling: Exponential models, direct and inverse variation, trigonometric models,	AOK: Art: Who determines what art is valued, and on what criteria?

	Hvordan behandles temaer som natur, ensomhet og klasse i Hans Børli's lyrikk?	interpretation be transformative? Works: Barbie		excluded faces?	In the absence of democratic institutions, what alternative sources are there for legitimacy?	Germany aggression?	of globalization on behavior?			and momentum in circular motion compared to linear motion?		modelling skills	
January	M. Satrapi: Persepolis Hvordan tilnærmer vi oss tekster fra forskjellige tider og kulturer? Hvor viktig er kulturell kontekst for forståelsen og produksjonen av en litterær tekst?	Time and Space: How important is cultural or historical context to the production and reception of a text? How do we approach texts from different times and cultures to our own? Works: Shakespeare, The Merchant of Venice	Identitet: Eventyr og tradisjon	Identity/ Groups living "in the shadows": Meet and dialogue with a local military veteran in a way that helps to integrate this group into the community enhancing understanding healing?	Interdependence Paris Agreement 2016 and climate mitigation strategies What are the main obstacles to effective global governance?	P2: Authoritarian States (20th Century) What were the circumstances in which Hitler became leader of Germany?	Cognitive approach to understanding behaviour Memory What makes the cognitive approach distinctly different from other approaches?	FORM AND FUNCTION Molecules: How does the structure of nutrients explain their function?	Periodic table: How to predict Properties of matter based on atomic structure?	Thermal Energy transfers Greenhouse effect: How do energy transfer different in fluids, solids and through vacuum (air)?	Calculus: How can we use functions to approximately and accurately describe change?	Statistics: To what extent can we use mathematics to describe trends and tendencies?	Knowledge and Indigenous Societies: To what extent is our perspective determined by our membership of a particular culture?
February	Camus: Den fremmede Hvordan utforsker romanen spørsmål om mening og verdier?	Time and Space: How important is cultural or historical context to the production and reception of a text? How do we approach texts from different times and cultures to our own? Works: Shakespeare, The Merchant of Venice	Erfaringer: Hvordan former medier våre meniger?	Human Ingenuity What people have created a lasting positive impact in the fields of science, society, technology etc.?	Human rights Concepts of universality vs. Cultural relativism Case study: FGM in Ethiopia How can human rights be protected and enforced?	P2: Authoritarian States (20th Century) How did Mao deal with opposition?	Cognitive approach Memory To what extent are our memories reliable?	Cells: Why are cells structured the way they are?	Organic matter classification: Can classification of organic matter help us predict the properties of the matter?	Gas Laws Thermodynamic How do we use the concepts of motion, momentum, force and energy to model gases of molecules?	Calculus: How are functions used to model motion?	Statistical Analysis: Can we be certain that a trend is not random? How?	AOK: History Is it possible to have knowledge about the past?
March	Camus: Den fremmede Hvordan utforsker romanen spørsmål om mening og verdier?	Works: Visual texts/BOW's	Vår planet: Hvordan samarbeide om å ta vare på planeten?	Human Ingenuity: How can we learn about different text types when we each present our chosen person for our project in this unit? (Paper One)	Peace and conflict Case study: The Syrian Civil War What were the causes and consequences of the Syrian Civil War?	P2: Cold War: Superpower tensions and rivalries <i>Why did the US and USSR emerge as superpowers in 1945?</i>	Cognitive approach Thinking and decision making What is meant by cognitive misers? How are we influenced by biases in thinking?	Organisms: How is oxygen taken up and transported throughout organisms?	Organic matter classification: Polymers Mol: How to quantify matter in atomic level?	Simple Harmonic motion What signifies a wave motion? What do we need to model a system as a wave?	Probability: How can we use different representations of sample space to investigate probability? Internal assessment	IA and probability: Can anything truly be random? How can we decide the chances of certain events happening?	AOK: Math: Is absolute certainty attainable in mathematics ?
April	Adichie: Kvelningsforne mmelser Hvordan reflekterer, representerer eller former litterære tekster innsikt i en annen kultur?	Works: Essay's and Opinion Articles	Erfaring: Norsk historie	Human Ingenuity: How can we maximize language-specific learning as we read a. a columnist and b. a political journalist?	Peacemaking, peacekeeping and peacebuilding How do socioeconomic factors impact conflict dynamics in latent and manifest levels?	P2: The Cold War: Superpower tensions and rivalries <i>What role did reconciliation play in ending the Cold War?</i>	Biological approach Memory and the brain To what extent do physiological processes determine our behavior?	Ecosystems: How are adaptations of species related to their habitats and niches?	Gas: How can we predict behavior by definition of ideal gas? How much? How to define how much product a chemical reaction provides?	Waves: Which concepts do we use waves as representations?	Statistics: How can we present a dataset? What information can we draw from a dataset? Internal assessment	IA probability distributions: <i>How can we use mathematics to describe the probabilities of more complex chains of events?</i>	
May	Adichie: Kvelnings-forne mmelser Hvordan nærmer vi oss litterære tekster fra forskjellige tider/kulturer?	Readers, writers texts: In what ways is meaning constructed, negotiated, expressed and interpreted? How does language use vary with text types literary forms? How does the structure or style of a text affect meaning? P 1 & P 2	Sosial organisering: Demokratiet i Norge	Text Types: What are the features of different text types, and which are most suitable depending on the purpose of the text?	What is the role of civil society in peacebuilding?	Internal assessment introduced <i>A historical investigation</i>	Internal assessment	INTERACTION INTER-DEPENDENCE Molecules: How is energy obtained and used in cells?	Energy from fuel: How challenging can the harvest of chemical energy be?	Nuclear Physics: What do we actually know about an atom, and how do we model it?	Statistics: How can we deduce correlation between two variables? Internal assessment	Repetition:	Exhibition example: Who owns knowledge?
June							Internal assessment	Cells: What interactions occur in response to chemical/ electrical signals?	How to write a scientific report? How to analyze data?		Number & algebra: What can we discover from number patterns?	Repetition:	

IB2 2025–2026

Month	Group 1 Language A		Group 2 Language B		Group 3 Social Sciences			Group 4 Natural Sciences			Group 5 Math		Core
	Norwegian	English	Norwegian	English (not offered this year)	GP	History	Psychology	Biology	Chemistry	Physics	AA	AI	TOK
September	Albert Camus: Den fremmede Hvordan utforsker romanen spørsmål om mening og verdier?	Time and Space: How important is cultural or historical context to the production and reception of a text? How do we approach texts from different times and cultures to our own? Works: Human Acts + Cartoons	Identitet: Språklig mangfold i Norge	Social Organization: Institutions such as marriage, education systems, families: how are they organized and how do they reflect our values?	Contested meanings of development: What do we mean by “development” and who defines it?	IA – first draft P3: Diplomacy in Europe <i>“To what extent did the Paris peace treaties achieve the aims of the peacemakers?”</i>	Biological approach Genetics and behaviour To what extent is human behavior inherited?	DNA replication How is genetic continuity ensured between generations? IA	Enthalpy: What do thermal changes caused by the reaction tell us? Energy cycles: How can we predict energy changes during a reaction based on conservation of energy? Energy from fuel: How challenging is the harvest of chemical energy? Entropy: What determines the direction of a chemical reaction	Circuits and Currents How do we use the concepts of energy to explain how electricity behaves within a circuit? Gravitational fields What create gravity, and how do we describe and model a gravitational field? How can we use gravitational fields to describe forces and motion	Sequences and Series How can we generalize groups of numnber patterns? How can we use number patterns to investigate real world situations?	Geometry/ Trigonometry: How can geometry and trigonometry allow us to quantify the physical world, and enhance our spatial awareness in two and three dimensions?	AOK: History
October	IO	Works: Chronicle of a Death Foretold? What ethical responsibilities do individuals have in sharing and acting on their knowledge in	Erfaringer: Utenforskap	Social Organization: How have artists commented on the institutions mentioned above through poetry, visual art and novel form?	Factors that may promote or inhibit development: What may help or stand in the way of the comprehensive well-being of people, communities and countries?	P3 Inter-war domestic developments in European states (1918-1939): Germany, Italy, Spain, Norway Hitler & Mao as P2 (SL) revision <i>“What were the successes and failures of economic policies in these countries?”</i>	Human relationships formation of personal relationships To what extent is the study of interpersonal relationships valid? Is it possible to apply psychological theory to improve the nature of relationships?	Protein synthesis Mutation and gene editing How does the variation produced by sexual reproduction contribute to evolution?	Kinetics: How can we predict how fast a chemical reaction happens? Equilibrium: How to work with the chemical reactions that work in both directions (reversible reactions)?	Electric and magnetic fields and forces What creates an electric field, and how can describe and model it? How do we use electric fields to describe forces and motion?	Calculus: Integration How can we anti-differentiate functions? What is the link between the area of functions and the anti-derivative?	Geometry/ Trigonometry: How can geometry and trigonometry allow us to quantify the physical world, and enhance our spatial awareness in two and three dimensions?	AOK: The Human Sciences: How reliable is knowledge about human behavior?
November	Amalie Skram: Forrådt På hvilken måte kan litteratur skape endring? Hvordan påvirker strukturen eller stilen til en litterær tekst mening? Hvordan byr litterære tekster på innsikt og utfordringer?	Works: Frankenstein	Menneskelig skaperkraft: Hvordan påvirker kunst oss?	Sharing the Planet: Human Rights: How have women’s reproductive rights been compromised Can art be a form of activism for human rights?	Pathways towards development: How can development be pursued?	IA – final upload P3 Inter-war domestic developments in European states (1918-1939): Germany, Italy, Spain, Norway Cold War as P2 (SL) revision	Human relationships: Social responsibility Is one’s willingness to help others a conscious decision? To what extent is service learning effective in promoting prosocial behaviour?	Cell and nuclear division Gene expression Water potentials What mechanisms are there for inhibition in biological systems?	Mechanism: What happens when protons are transferred? Acids and Bases. Introduction to IA Mechanism: What happens when electrons are transferred? Electrochemistry IA Proposal deadline	Electric and magnetic fields and forces What creates an electric field, and how can describe and model it? How do we use electric fields to describe forces and motion?	Caclulus: Trigonometric functions How can we use trigonometric functions to model periodic behavior? How do we apply concepts from calculus to trigonometric functions?	Calculus: Is there a link between the derivative and the rate of change, and how can we interpret the meaning of this in context?	TOK Essay

May	FINAL EXAMS
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