

Grade 9 Curriculum Overview

Content	
1	English Language and Literature
2	Mathematics
3	Science
4	IT
5	Spanish
6	Visual Arts
7	Humanities (History, Social Studies and Geography)
8	PSHE
9	PE

International Baccalaureate Organization (IBO)

Since 2009, IA has been proud to be part of a family of over 3500 schools globally that offer the International Baccalaureate Diploma Programme (IBDP). The IBDP is a post-16 course, but the knowledge and skills required to become an IBDP student starts from a strong secondary education. The IB Learner Profile aims to develop internationally minded junior scholars, who recognize our common humanity and shared guardianship of the planet from a young age. Teachers strive to plan lessons that incorporate the IB Learner Profile below:

Inquirers	Knowledgeable	Thinkers	Communicators	Principled
Open-minded	Caring	Risk-takers	Balanced	Reflective

Curriculum Philosophy

As an international school, with staff and students from all over the world, IA is proud to offer an academic programme that draws on aspects of IBO, European, North American and Caribbean Curriculums. Our aim is to create 21st century students who are able to adapt to any learning or employment institution they choose.

Knowledge and Skills

At IA, we believe knowledge is power! A student feeling knowledgeable is key to building life-long self-esteem and confidence. However, in a 21st century world where knowledge can be just a click away, skills are imperative. At IA, we pride ourselves on teaching our young people how to solve real-life challenges. We encourage our students to analyze and evaluate information from different perspectives and reach objective conclusions.

Assessment for Learning

At Secondary level the students are assessed in a number of ways and they require 70% to 'Pass'. Summative assessment takes place in the form of end of unit or end of term formal exams. Formative assessment happens continually throughout the year in the form of class and homework. Students are accustomed to peer and self-assessment and are sometimes marked for group/team work. This is common practice in work places and can be a very powerful tool for self-improvement. Most courses also award marks for organisation and there is also an effort grade recorded on the termly report cards.

Class Time

At IA, we aim to plan our lessons backwards! Teachers plan learning activities based on the skills and knowledge the students should have acquired by the *end of the class*. Students are exposed to a wide variety of kinesthetic, visual and auditory activities. They have regular opportunities to work alone, in pairs and in groups. They are encouraged to present their work to their peers and to be proud of their achievements.



Homework

At secondary level, students are given several pieces of homework per week. Students are required to record the tasks and their due dates in their planners/agendas and they should be signed by a parent at the weekend and returned to the homeroom teacher on Mondays. The school operates a 'Zero for late work' policy although some teachers do allow 1 'Get out of Jail Free' card!



Subject English Language and Literature	Grade 9
Teacher: Tori Ryan	Email: tryan@islandacademy.com

- Improve writing and analytical skills.
- Hone close reading skills.
- Understand how context influences a story (i.e. historical and cultural background).
- Study texts and build skills in English Language and English Literature.
- LANGUAGE: Grammar, Spelling, Vocabulary, and Punctuation exercises on IXL
- READING: Mythology, Short Stories, Poetry, and (limited) Student Choice Directed Reading
- WRITING: Directed Reading journal reflections, literary note-taking, literary analysis, written responses in class

Term 2: Topics and Skills Overview

- Improve writing and analytical skills.
- Hone close reading skills; Practice CSEC-level literary analysis through close reading.
- Understand how context influences a story (i.e. historical and cultural background).
- Study texts and build skills in English Language and English Literature.
- LANGUAGE: Grammar, Spelling, Vocabulary, and Punctuation exercises on IXL and in in-class written responses
- READING: Poetry, The Great Gatsby by F. Scott Fitzgerald, and (limited) Student Choice Directed Reading
- WRITING: Directed Reading journal reflections, persuasive writing, literary note-taking, literary analysis, written responses in class

Term 3: Topics and Skills Overview

- Hone CSEC-level literary analysis through close reading.
- Understand how media works and the links between social media and communication.
- Study texts and build skills in English Language and English Literature.
- LANGUAGE: Grammar, Spelling, Vocabulary, and Punctuation exercises in in-class written responses
- READING: The Tempest by Shakespeare, Media Literacy Case Study, and Student Choice Directed Reading
- WRITING: Directed Reading journal reflections, comparative writing, persuasive writing, literary analysis, factual writing (newspaper article for Media Literacy Case Study)

Assessment Criteria

Evaluation

•	Class participation	10%
•	Homework, classwork	30%
•	Tests, quizzes, essays, and projects	40%
•	End of term exam	20%

Independent and Home Learning

Students will read one book each term independently (in addition to our in-class text.) They should expect to spend between 2-3 hours a week on course assignments that include nightly reading, journaling, vocabulary practice, and grammatical exercises. Homework assignments can require online access: students will need to regularly access Google classroom, IXL, and vocab.com for this course.



Subject: Mathematics	Grade 9
Teacher: Sean Bhadrinath	Email: sbhadrinath@islandacademy.com

Fractions: Find reciprocal, Reciprocals equivalence to fractions

Ratio and Proportion: Similarity, Direct proportion, Inverse proportion

Equation: Simultaneous equations, Expand/Factorise quadratics, Solve quadratics

Expressions: Change subject, Factorise quadratics, Difference of 2 squares

Pythagoras: Theorem, Apply in 3D

Trigonometry: Ratios, Apply in 3D, Sine and Cosine rules

Term 2: Topics and Skills Overview

Data: Cumulative frequency graphs, Box plots, Histograms, Sampling

2D Shapes: Ratio in area, Area of sector, Lengths of arcs Transformations: Negative scale factors, Congruency

Algebraic graphs: Cubic, Reciprocals, Intersections, Gradients Inequalities: Graph inequality, Graph multiple inequalities Decimals and Estimation: Upper and Lower Bounds

Term 3: Topics and Skills Overview

Percentages: Repeated change, Compound interest, Reverse percentages

Exponents: Standard form, Standard form calculations, Negative powers, Fractional powers 3D Shapes: Ratio Area/Volume, Formulae perimeter/area//volume, Surface area cones/spheres

Circle Theorems

Assessment Criteria

Students' grades will be made up as follows:

30% Topic Tests

20% Homework

20% End of term tests

10% Participation

20% Classwork

Independent and Home Learning

Students are expected to become independent learners through homework and revision. The average homework will be approximately 1 hour per week but this could be increased over revision periods for review tests. Students should use homework as a method of checking their own understanding and should seek help from me if problems are uncovered. Please note that the progress of the topics will vary due to the progression of the group.

Homework tasks will be a week in advance and will be based on the estimated topics covered over the week. If any areas are not covered in this time, then these topics will be removed from the mark average.



Subject Science	Grade 9
Teacher: Karol Lyn Edwards	Email: karollynedwards@islandacademy.com

The primary content for this course includes a continuation from Grade 8 Science Biology, Chemistry and Physics. The curriculum is designed to teach students to be independent problem-solvers with strong study skills and to develop clear communication, global awareness and intercultural sensitivity.

Textbook & Workbook: Integrated Science for The Caribbean 1 Gene Samuel & Derek McMonagle

Term 1: Topics

PHYSICS: Electricity

Magnetism Light

Term 2: Topics

CHEMISTRY:

Chemical Bonding Acids and alkalis

Term 3: Topics

BIOLOGY:

Human body systems: the reproductive system Communicable diseases of the reproductive system

The importance of checkups, self-examinations, vaccines, contraception, STIs

Environmental impact of human activities

Assessment Criteria		
Class participation	10%	
Homework, classwork	20%	
Labs, Projects	20%	
Tests and quizzes	30%	
End of term exam	20%	

Student Expectations

- 1. Respectful, cooperative classroom behaviour is essential.
- 2. Homework completion: Homework will be assigned each week. If work is not completed, the student will receive a ZERO. If there are extenuating circumstances, a parent's note will be required.
- 3. Laboratory work: Students will conduct observations, experiment and research throughout the year. Students are expected to complete Lab Reports and to follow the Lab Safety Rules.
- 4. Term projects: Students will be required to complete a comprehensive project each term focused on topics covered throughout the term.

Independent Learning

Students will be given approximately 2 hours of homework each week. This may vary depending on the topic and the time of year (it will increase to allow for focused revision nearer the exam). If a student has not been given explicit homework after a lesson, they should be attending to their notes by: adding to a table of contents and organising/reviewing notes, creating study guides or notecards, etc. Students are required to have internet access for research and projects! Students are required to complete all set assignments regardless of attendance. Please email for support as needed.



Subject Information Technology	Grade 9
Teacher: Taurean Allen	Email: tallen@islandacademy.com

By the end of term 1 Students should have covered the following:

- 1. Programming language with sequence data: combine key programming language features to develop solutions to meaningful problems
- 2. Media Animation: create a 3 to 10 sec animation

Term 2: Topics and Skills Overview

By the end of term 2 Students should have covered the following:

- 3. Data Science: analyse visualisations to identify patterns, trends, and outliers
- 4. Introduction to Cybersecurity: Identify the most effective method to prevent cyber attacks

Term 3: Topics and Skills Overview

By the end of term 3 Students should have covered the following:

- 5. Computing Fundamentals and Information Processing: understanding the interrelationship between hardware and software
- 6. Computer Networks and Web Technology: understanding basic networking concepts, including mobile networks, and internet, and web technology concepts

Assessment Criteria

Class Participation & Attitude 10% Class Work 15% Home Work 15% Project 10% Quiz 25% Final Exam 25%

Independent and Home Learning

Students are expected to practise tasks performed in the classroom at home. Extra tasks will be given for assignments, as well as formative assessments and a project each term. These will reinforce what is taught in class and may require at least 45 min of independent learning each week to complete.



Subject Spanish	Grade 9
Teacher: Jhonaton Thomas	Email: kjthomas@islandacademy.com

Topics and Skills Overview

Term 1

Unit 1: De vacación (On vacation).

Unit 2: De viaje (Travelling).

Unit 3: ¿Por dónde se va) (Where are you going)

Unit 4: En el hotel (At the hotel)

Term 2

Unit 5: ¿Adónde fuiste? (Where did you go?)

Unit 6: ¿Qué tal lo pasaste? (How did you enjoy it?)

Unit 7: ¿Qué hiciste? (What did you do?)

Unit 8: De compras en el mercado (Shopping at the Market)

Unit 9: ¿Estás de moda? (Are you fashionable?)

Term 3

Unit 10: En el centro comercial (At the mall)

Unit 11: ¡Que aproveche! (Enjoy! Food*)

Unit 12: La vida sana (A healthy lifestyle)

Assessment Criteria

Assignments: Any work given during a unit or submitted to show mastery of a topic discussed. Assignments include the core CSEC competencies grammar/vocabulary, listening, reading, writing and speaking. The competencies all add up to 50% of your overall grade.

Homework and Classwork: Work given to help the student catch up, better understand and have greater command of a topic. HW and CW add up to 10% of your overall grade.

Quizzes/Tests: An Evaluation given at the end of a Unit or Subunit. Pop Quizzes are also possible. Quizzes/Tests add up to 15% of your overall grade.

Exam: An evaluation given at the end of a term. Exams add up to 20% of your overall grade.

Grammar & Vocabulary Assignments 10%		
Reading comprehension Assignments 10%		
Listening Assignments: 10%		
Written Expression Assignments: 10%		
Speaking Assignments 10%		
Quiz 15%		
Exam 20%		
Homework, class work 10%		
Class Participation 5%		



Subject Visual Arts	Grade 9
Teacher: Laura Haynes	Email: lhaynes@islandacademy.com

- Biography, introductions, targets for the year.
- **Ceramics.** Hand building techniques, carving skills, firing and glazing work. Mike Byrne
- **Impressionist Landscapes** Fundamentals of Photography and Painting composition, colour theory Artists: Claude Monet/Camille Pissarro.
- **Observational drawing & still life studies** Artists: Van Gogh/Giorgio Morandi/Armand Fernandez

Term 2: Topics and Skills Overview

- **Ceramics.** Throwing, using the wheel, turning, sticking clay, repairing clay. Artists: Eloisa Gobbo/Ulrica Trulsson/Lucie Rie/Mandy Parslow
- **Printmaking Antigua's flora and fauna. (school trip).** Deep dive into printmaking techniques, lino, monoprint, etching, collagraph. Negative and positive space. Reverse imaging.

Term 3: Topics and Skills Overview

- Surrealism digital collage continued into painting and oil pastels deep dive into surrealist movement, look at famous artists as well as contemporary artists working through still life. Confusing the viewer, how to encourage the viewer to ask questions. Development from digital collage into watercolour paint and oil pastels. Artists: Howard Tangye/Salvador Dali/Christian Schloe/Sean Landers.
- **Ceramics.** Figurative ceramic sculpture, freeform ceramics, focus on texture and form. Artists: Serena Korda/Elly Glossop/Fernanda Cortes.

Assessment Criteria

Work from each project will be marked out of 100%

Knowledge and Understanding	20%	(research/subject matter and artists etc.)
Participation and Engagement	30%	(behaviour/work ethic/willingness to learn/engagement in class discussion)
Creativity and Imagination	20%	(willingness to take risks/ make mistakes through trial and error /demonstration of personal style and imagination)
Classwork and Homework	30%	(class assignments/graded drawings and pieces of physical work/written work/presentation of materials)

Independent and Home Learning

Students will be given at least 2 pieces of homework per week, written or practical.

Development of project ideas at home, independent research into artists or art movements that will assist with current project development.

Independent artwork is recommended at home to practise skills - this will not be graded or brought to school but it is useful to develop skills and personal artistic style outside of class time, and will benefit the students development in Art.



Subject Humanities (History, Geography and Social Studies)	Grade 9
Teacher: Mckala Fleming	Email: mfleming@islandacademy.com

Social Studies Inquiry Questions: How can new technologies affect our identities and relationships? Does technology harm our relationships with others?

Subtopics: History of technological breakthroughs in history, the impact of television on society, the role of computers on how we live and work,

Skills: written and verbal communication skills, critical thinking, **History Inquiry Question: What was the significance of WW1?**

Subtopics: Short term and long term causes of WW1, life in the trenches, soldiers from the Commonwealth

soldiers in the British West Indian Regiment, Technology and warfare, Peace terms

Skills: Analysing and evaluating sources, essay writing skills, interpretation of perspectives

Term 2: Topics and Skills Overview

Geography Inquiry Question: What is the impact of Global Tourism on people and their cultures?

Subtopics: What is Tourism?, Types of tourism, environmental impacts, homogenization of cultures, UNESCO World Heritage

Skills: Collaborative skills, thinking skills, research and information literacy

History Inquiry Question: How did Hitler's rise to power lead to outbreak of WW2?

Subtopics: Germany post WW1, The Great Depression, the Rise of the Nazis, outbreak of WW2

Skills: Essay writing, interpretation and source analysis and research skills

Term 3: Topics and Skills Overview

History Inquiry Question: How significant were scientific advancements in WW2?

Subtopics: Invasion of Europe, Warfare and technology, war in the Pacific, Pearl Harbour, The Holocaust and Peace Terms

Skills: Essay writing, group work, presentation skills, source, research skills

Assessment Criteria

In class written exams 30%

Projects and essays and presentations 20%

Class test 20%

Homework 20%

Lesson Participation 10%

Independent and Home Learning

Review class notes

Read around the topic

Watch documentaries to support content knowledge

Complete all classwork and homework set



Subject PSHE	Grade 9
Teacher: Alaina Gomes	Email: agomes@islandacademy.com

PSHE (personal, social, health and economic) education aims to develop knowledge, skills and attributes in students that will help them prepare them for life and work in a modern world. The course will help students understand the connection between academic, social and emotional wellbeing and provide a platform for discussing a variety of strategies for success.

Topic and Skills Overview (cycle 1)

Healthy Relationships

- Self-esteem, romance, and friendships.
 - Students will explore how to safely and responsibly form positive relationships (including those among their family, peers, staff at school, and the wider community)
 - Students will learn conflict resolution strategies, how to repair broken friendships, how to set boundaries in relationships, and the importance of empathy. Students will have the opportunity to discuss the emotional and physical realities and responsibilities of relationships.
 - Students will further learn how to differentiate between healthy and unhealthy relationships and ways to build/ improve their self esteem (including aspects of body image and stereotypical ideologies of "beauty")

Health and Wellbeing

- Risks of alcohol, tobacco, marijuana and other substances/ potential addictions (e.g. gambling).
 - Students will learn to identify when they are being pressured into using various drugs, and the strategies and resources they can use to help themselves and others if they are being pressured.
 - Students will be able to describe local and international laws regarding alcohol, tobacco and other substances and become knowledgeable about what addiction is, causes of addiction, treatment for addiction and identify resources available for support.
- Strategies for maintaining good personal hygiene.
 - o Dental hygiene, menstrual and genital hygiene, hand washing, nail care, body washing etc)
- Nutrition and the importance of Physical activity
 - Students will learn the link between healthy eating, physical activity and mental health

Diversity and Acceptance

- Diversity, Prejudice and bullying (including cyber bullying) and building tolerance.
 - Students will be able to recognise bullying, and its impact, in all its forms; the skills and strategies to manage being targeted or witnessing others being bullied.
 - They will further learn the impact of stereotyping, prejudice and discrimination on individuals and relationships; the unacceptability of prejudice-based language and behaviour, offline and online, including sexism, homophobia, biphobia, transphobia, racism, ableism and faith-based prejudice; the need to promote inclusion and challenge discrimination, and how to do so safely, including online.

Topics and Skills Overview (cycle 2)

Mental Health

- Tackling stigma surrounding mental health
 - Students will discuss and learn the differences between mental illness and mental health, define terms such as self-harm, depression, anxiety and low-self esteem, and explore techniques to self heal and assist peers with the healing process as well.
 - Students will learn the causes and triggers for unhealthy coping strategies, such as self-harm and eating disorders, and what to do if they
 - Students will learn about emotional intelligence (EI) and the ways they can improve the EI.



Living in the Wider World

- Planning for our future
 - Students will begin identifying different career options based on their skills, talents and personalities.
 - Students will be assessed for their personality type and learn the link between their personality type and potential career paths that might suit them best.
 - Students will start researching potential schools and programs that are of interest to them.

Assessment Criteria

Students will be assessed based upon their classroom participation in discussion, independent, and group activities. Students will receive two exams for the full school year (one in Term 1 and one in Term 3)

Independent and Home Learning

Students will be given approximately 1 hour of homework each week. This may vary depending on the topic and the time of year as students will be putting into practice what they learn in class.

Students will also be required to have internet access for research and projects!



Subject Physical Education	Grade 9
Teacher: Mark Mitchell	Email: mmitchell@islandacademy.com

Sport 1: Volleyball: Service: underarm, overarm (float, top spin). Service reception, underarm, overhead (volley). Defence: two armed defence, pass/underarm pass. Set: front volley; reverse volley, back set. Attack: spike (hard or soft); tip. Blocking: individual, partner.

Sport 2: Athletics: Running Events: Sprints - starts, transition, acceleration to maximum speed, finish (60m, 100m, 200m, 400m; Middle and Long Distance - starts, transition, strategy, finish (800m, 1500m, 5000m). Throwing Events: Shot Put - stance, grip, standing frontal throws, movement sequence (glide/spin), power position and execution, follow through and recovery. Discus - grip, stance, preliminary swings, standing frontal throws, throws from a side on stance, power position and execution, movement sequence (rotation: 1-turn, 1½ -turns). follow through and recovery. Javelin - grip and approach run transition (cross steps), power position and execution, follow through and recovery.

Term 2: Topics and Skills Overview

Sport 1: Variety -handball, capture the flag, netball, ultimate frisbee, cricket, kickball, longball, rounders, four square, sepak takraw, skipping.

Sport 2: Basketball Passing - chest pass, bounce pass, baseball pass (long) and overhead pass. Catching - one-hand/block and trap, two-hand catch/funnel. Dribbling -either hand (right, left), alternate hands, change of direction and change of pace, high, low and cross-over (reverse, front cross-over, between the legs, behind the back). Shooting - lay-up shots, set shot, jump shot, hook shot. Footwork -stance, pivoting, changes of pace and direction, sliding, jumping, stopping.

Term 3: Topics and Skills Overview

Sport 1: Baseball: Batting - grip: standard; choke grip. batting: swing, bunts. Pitching - fast-pitch (overarm), slow-pitch (underarm), starting position, wind up. Fielding - catching: basics to catch fly hits, rolling hits. Throwing - over arm, side arm. Base running - single, double, triple, home run.

Sport 2: Football: Control - using static practices: use of chest, thigh, feet and head, pressurised situations: use of chest, thigh, feet and head. Passing - short pass: including use of both feet, use of the inside and the outside of the foot, instep. Long pass (along the ground, lofted pass): skills to include use of both feet, outside of the foot, the chip pass. Body pass: use of head and chest. Shooting: power shots (short and long range), shots with inside and outside of foot (swerving shots), first time shots (volleys and half volleys), heading, shooting on the move, penalty kicks and direct free kicks. Tackling: block tackle, side tackle, sliding tackle. Dribbling: close control, use of either foot, feints, changes of pace and direction, against opponents. Heading: defensive and attacking, for distance and for accuracy. Jockeying: pressurising and attacking, closing down a player. Goalkeeping skills: throwing for distance and accuracy, punching, palming, handling of shots and crosses (to include pressurised situations, kicking dead ball and clearance, narrowing the angle and diving saves.

Assessment Criteria

Participation (listening, following directions, effort, sportsmanship) - 100%

Independent and Home Learning

It is important to maintain a well-balanced diet and engage in regular moderate to vigorous physical activity, such as walking, jogging, cycling, or swimming, for at least 60 minutes daily.



Subject Music	Grade 9
Teacher: Jocelyn Beldman	Email: jbeldman@islandacademy.com

Skills Overview

Develop and perfect technique on an instrument (marimba and/or other percussion instruments). Read

and perform the following rhythm notations: In the following notes of the pentatonic scale: do, re, mi, sol, and la. Compose music. Improvise music within a group. Perform music in a group and in a solo. Analyse and decipher the rhythmic and melodic components of simple folk songs. Utilise the voice as an instrument.

Term 1: Topics Overview

Musical Sounds and Properties of Sound; Instrument Families; Melodies; Treble and Bass Clefs; Phrases and Sequences.

Term 2: Topics Overview

Primary Chords; Composing; Simple and Compound Time Signatures; Primary Chords.

Term 3: Topics Overview

Musical Elements; Cultural Heritage; Composing Using Melodies and Primary Chords.

Assessment Criteria

Performances: 60%

In class participation: 10% Assignments/Homework: 30%