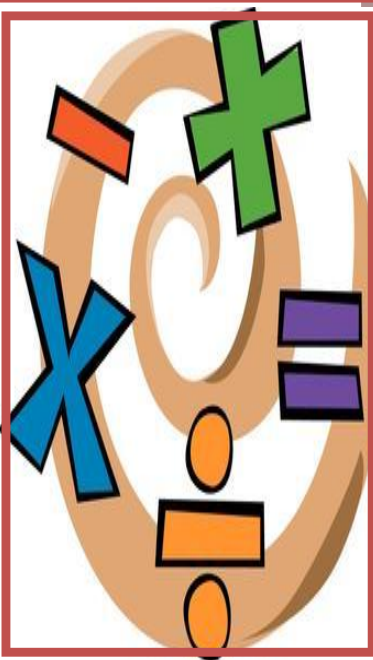
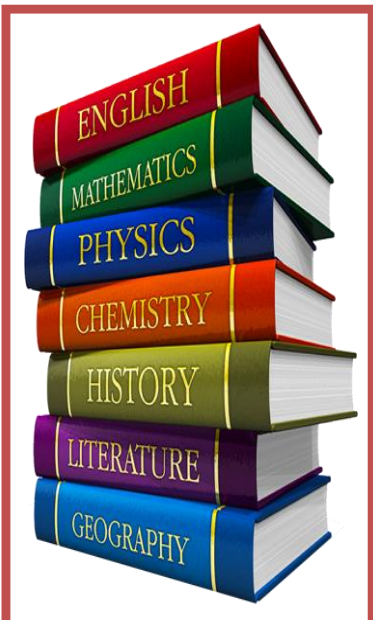
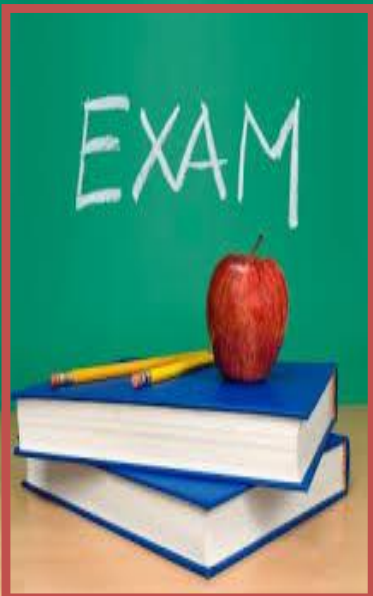


YEAR 10



Term 1 Exam
2018-2019

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O B J E C T I V E S

CONTENTS

1) Arabic

2) Sharia

3) Hum Arabic

4) English 1st Lang

5) English 2nd Lang

6) P.E

7) Physics

8) Chemistry

9) Biology

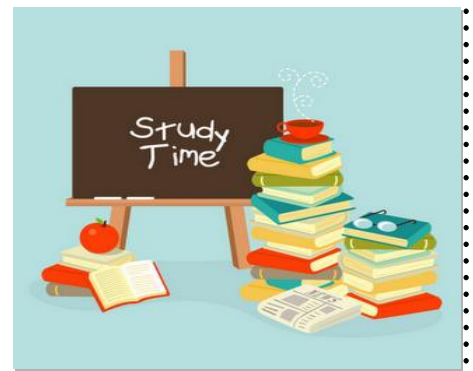
10) Mathematics

11) ICT

12) Business

13) Geography

14) Travel & Tourism



Teacher's name : Asmaa + Amal Subject: Arabic Year group: 10

No.	Term 1 objectives:
1	• أن تكتب نصًا وصفيًا متكامل العناصر في حدود 350-500 كلمة.
2	• أن تحلل المقال تحليلًا أدبيًا + إجابة أسئلة المقال إجابات تامة صحيحة بأسلوبها الخاص.
3	• أن تلخص النص ملتزمة شروط التلخيص، وفي عدد الكلمات المطلوب
4	- أن توظف مادريت من نحو وإملاء توظيفًا صحيحًا أثناء الكتابة.

Max. number of objectives is 5 objectives.

No of assessments during the term (without including the end of term exam) عدد الاختبارات خلال الفصل ما عدا نهاية الفصل	2
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	25
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	50

Topics and units covered/ Studying material/Any other information

المواضيع الداخلة باختبار نهاية الفصل

الكتابة:	- كتابة النص الوصفي بأنواعه (وصف شخص - زمان - مكان - حدث) - أن توظف فنون البلاغة أثناء الكتابة. - أن تطبق ما درست من نحو وإملاء توظيفًا سليمًا أثناء الكتابة.
المقال:	- تحليل المقال تحليلًا أدبيًا - إجابة أسئلة المقال إجابة كاملة صحيحة وبأسلوب الطالبة الخاص. مهارات التلخيص: - أن تلخص المقال مستوفية شروط التلخيص كاملة . - أن تلخص في عدد الكلمات المطلوب .
فنون اللغة:	- التشبيه والاستعارة . - الترادف والتضاد والسجع والجناس وغيره.
الإملاء:	- الهمزات الابتدائية - المتوسطة والمتطرفة. - علامات الترقيم . - تنظيم الفقرات . مع مراعاة التنوع في توظيف أدوات الربط المناسبة.



أكاديمية الأرقام للبنات
AL- Aqam Academy For Girls

Teacher's name : نسرين +ولاء

Subject: الشرعية

Year group: العاشر

No.	Term 1 objectives:
1	أن تفسر الطالبة الآيات من (9- 12) من سورة الإسراء تفسيراً صحيحاً؛ متعرفاً سنن الله تعالى في الكون.
2	أن تؤمن الطالبة بالله تعالى وتتعرف أسماءه وصفاته، مُستدلةً على وجوده تعالى بمظاهر قدرته؛ مدركة حقيقة الإيمان ودرجاته
3	تتعرف الطالبة الأحاديث الإسلامية المبينة لحياة المسلم، بما يتضمن أهمية المسؤولية الفردية وجوانبها، وتميز الإسلام ورقبه في التعامل.
4	أن تتحلى بالأخلاق الإسلامية في علاقتها مع الله تعالى، ومع رسوله صلى الله عليه وسلم. أن تتعرف حرمان الله تعالى وخطورة انتهاكها؛ مدركة لأهمية الاعتزاز بالإسلام .
5	أن تقدر وتحترم الصحابة رضوان الله تعالى عليهم جميعاً؛ مبينة فضل عائشة أم المؤمنين رضي الله عنها

No of assessments during the term (without including the end of term exam) عدد الاختبارات خلال الفصل ما عدا نهاية الفصل	امتحانان
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	لكل اختبار 20 علامة
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	50 درجة

Topics and units covered/ Studying material/Any other information المواضيع الداخلة باختبار نهاية الفصل

1. من سنن الله في الكون (سورة الإسراء) (تفسير)
2. المسؤولية الأخلاقية (الحديث)
3. الإيمان بالله (عقيدة)
4. أحكام الوقف في الإسلام (الفقه)
5. تعظيم الحرمات (الأخلاق)
6. عائشة رضي الله عنها (البحوث الإسلامية)
7. رقي الإسلام في التعامل (الحديث الشريف)
8. الاعتزاز بالإسلام (الأدب الإسلامية)
9. على الطالبة تسميع سورة الجمعة غيباً في الاختبار الشفوي النهائي
10. كما عليها أن تقرأ المقرر من سورة النور مراعية أحكام النون الساكنة والتنوين وأحكام النون والميم المشددين وأحكام المدود وأحكام الترخيم والترقيق في الاختبار النهائي والتطبيق اليومي أيضاً.
علماً بأن الاختبار الشفوي النهائي يرصد له 10 علامات من الاختبار النهائي.

Teacher's name : نبيلة لطفي
group: 10

Subject: اجتماعيات

Year

No.	Term 1 objectives:
1	أن تتعرف الطالبات على الموقع وأشكال سطح الأرض بقطر
2	أن توضح عناصر المناخ والحياة الفطرية وموارد المياه بقطر
3	أن تقدر الطالبات دور الشيخ جاسم بن محمد في تأسيس إمارة قطر
4	أن تدرك الطالبات معنى الهوية الوطنية القطرية وأبعادها

Max. number of objectives is 5 objectives.

No of assessments during the term (without including the end of term exam) عدد الاختبارات خلال الفصل ما عدا نهاية الفصل	2
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	20 -10
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	50

Topics and units covered/ Studying material/Any other information

المواضيع الداخلة باختبار نهاية الفصل

Please use your class practical experience and knowledge for the topics covered.

- 1- الموقع وأشكال سطح الأرض بقطر من ص 9 إلى ص 23
- 2- المناخ والحياة الفطرية وموارد المياه بقطر من ص 25 إلى ص 39
- 3- الشيخ محمد بن جاسم بن ثاني من ص 54 إلى ص 67
- 4- الهوية الوطنية أبعادها ومقوماتها من ص 71 إلى ص 75

Teacher's name: Ms Sharon Subject: First Language English Year
group: 10

No.	Term 1 exam objectives:
1.	Demonstrate understanding of explicit and implicit meanings and select information for specific purposes (summary writing).
2.	Analyse how the writer uses language for effect and be able to refer to specific examples and examine.
3.	Write effective and stylistically fluent texts for directed writing purposes. Focusing specifically on letter writing and diary writing.
No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment (every assessment is out of what)	20 – Paper 2 Assessment 1 25 – Paper 2 Assessment 2
No. of exam papers to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	2 hours

Topics and units covered/ Studying material/Practical skills & any other information

Topics covered:

- Novel study for the purpose of enhancing general language skills.
- Paper 2 - Summary writing
- Paper 2 - Writers effect
- Paper 2 - Directed writing

Studying material:

- Students have been completing practice tasks in class and for homework. They can also ask for additional practice questions as needed.

Teachers: Ana, Shanell, Romina
Year: 10

Subject: English second language

No.	Term 1 exam objectives:
1	READING Demonstrate understanding of explicit meanings Demonstrate understanding of implicit meanings and attitudes Select information for specific purposes.
2	WRITING Articulate experience and express what is thought, felt and imagined Sequence facts, ideas and opinions Use a range of appropriate vocabulary Use register appropriate to audience and context Make accurate use of spelling, punctuation and grammar

No of assessments during the term (excluding the end of term exam)	Assessment 1: Speaking (natural disasters) Assessment 2: Film review and comprehension
Total mark for each assessment (every assessment is out of what)	Total (49) Assessment 1 (25) Assessment 2 (24)
No of assessments needs to be included in end of term 1 exam timetable	1 – Total: 60
Duration of end of term exam/exams	90 minutes

Topics and units covered/ Studying material/Any other information

Topics covered:

- A number of vocabulary exercises to enhance vocabulary level
- Reading **A Monster Calls** (set 1 and 2 only) for the purpose of discussion, comprehension and vocabulary extension
- Punctuation and grammar worksheets.
- Writing a film review
- Oral presentations about a natural disaster.
- Units 1 – 4 from Coursebook 1

Exam Preparation:

- Practise readings from IGCSE past papers.
- Read through vocabulary lists and familiarize yourself with as many words as possible.
- Be aware of basic punctuation rules and concentrate while writing.

Teacher's name : Hoda said
group: 10

Subject: P.E

Year

No.	Term 1 objectives:
1	To participate in full games
2	To demonstrate attacking and defensive set plays
3	To Practice using her hands in a correct way while running.
4	To practice the coordination between hand and leg movement while running.

Max. number of objectives is 5 objectives.

No of assessments during the term (without including the end of term exam) عدد الاختبارات خلال الفصل ما عدا نهاية الفصل	Assessment 1 Basketball Assessment 2 Fitness:
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	Total (20) Assessment 1 (10) Assessment 2 (10)
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	(60)

Topics and units covered/ Studying material/Any other information

المواضيع الداخلة باختبار نهاية الفصل

Please use your class practical experience and knowledge for the topics covered.

Basketball

- Passing - chest, bounce
- Dribbling - strong hand, alternate
- Conditioned Mini-games, - 5 v 5
- Shooting - B.E.E.F
- Rules and concepts – attacking and defending set plays
- Full Games

Teacher's name : Ruchi /Christina
group: Grade 10

Subject: Physics

Year

No.	Term 1 objectives:
1	Measurement and Units --Physical quantities & units, Measurements techniques, Density, Mass and Density, More to do with measurements
2	Forces and Motion --Speed, velocity and acceleration, Motion Graphs, Recording Motion, Free Fall, Forces in Balance, Force, mass & acceleration ,Weight and Gravity, Friction, More about Vectors, Moving in circles
3	Forces and Pressure -- Moments, Stretching & compressing, centre of mass, Pressure, Pressure in liquids, Pressure from the air

No of assessments during the term(without including the end of term exam)	2
Total mark for each assessment (every assessment is out of what)	1: Out of 41 2: Out of 41
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	70 marks and 1 and half hour

Topics and units covered/ Studying material/Any other information

Measurement and Units -To study different Physical quantities & units, To understand and use different types of Measurements techniques, Solve problems on types of measurements

To define Density, Solve problems on Density. Solve more problems on experimental type questions to calculate Mass & density.

Forces and Motion--To define Speed, and velocity , To understand the difference between the two types, and solve problems on them. To solve questions on Motion Graphs, Free Fall

To understand the concept of Force, Balanced force, Unbalanced force, Different Types of force in motion, relation between force and motion, Solve problems on Force.

To state Newton's laws . Give examples on them , Solve problems on relation between Force ,mass & acceleration, To study types of friction

To Explain Gravitational field, and weight . Solve problems on calculating weight.

To understand Motion in a circle-Circular motion, Velocity and acceleration in circular motion.

Factors on which circular motion depends.

Forces and Pressure--To Define Moment as a Turning effect of Force- formula, types, state condition for Equilibrium, Solve problems on Moment.

To study Stretching & compressing, relation between force and extension ,Understand graphs . Solve problems on them.

To study the concept of Pressure, Define Pressure, solve problems on Pressure,

To study about Pressure in air

Resources- Textbook and reference notes given in the class.



Teacher's name : Ms Salma Tariq / Ms Uzma
Chemistry

Subject:

Year : 10 A/B/C/D

No.	Term 1 objectives:
1	States of matter
2	Separating substances
3	The atom
4	Chemical Bonding; balancing equations
5	Periodic Table

No of assessments during the term (without including the end of term Exam)	2	
Total mark for each assessment (every assessment is out of what)	40, 45	
No of assessments needs to be included in end of term 1 exam timetable	1	
Duration of end of term exam/exams	Paper 1 70 MARKS	1 hour and 30 minutes

Topics and units covered/ Studying material/Any other information

States of Matter: Describe the states of matter & their inter conversion in terms of kinetic particle theory. Describe diffusion in liquids & gases, describe evidence for particles in gases and liquids.

Purification techniques: Name appropriate apparatus for the measurement of time, temperature and volume, Describe paper chromatography, Interpret simple chromatogram, Identify substances and assess their purity, Describe different purification techniques.

Atoms: Describe the structure of atoms, subatomic particles and use of radioactive isotopes.

Bonding: Explain the formation of ionic bonding, covalent bonds, macro molecules & metallic bonding and link the properties of these compounds to their structure and bonding.

Chemical Equations: Balancing the given equations for chemical reactions

Periodic Table: Predict the periodic trends in the physical and chemical properties of the elements, group properties (1, 7 & 0) , transition elements & explain the trends across the periodic table.

Solve past papers from link:

<http://papers.xtremepapers.com/CIE/Cambridge%20IGCSE/Chemistry%20%280620%29/>

CIE syllabus covered during Term 1:

<http://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-chemistry-0620/>

For thorough preparation of the course material please read & understand each lesson from your text book, solve end of chapter exercises, solve unit review exercises and use lab activities, work sheets & class notes as extra resources

Teacher's name : Ms. Mashhuda/Ms. Fauzia Subject: Biology Year group:
10A/B/C/D

No.	Term 1 objectives:
1	Characteristics and classification of living organisms
2	Organization of the organism
3	Movement in and out of the cells
4	Biological molecules
5	Enzymes
6	Plant nutrition

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment (every assessment is out of what)	40; 43
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	Total 70 marks 1 hour and 30 minutes

Topics and units covered/ Studying material/Any other information

All the topics covered in term1 is included in the exam. Following is a rough outline of the topics covered. Please make sure that you follow the curriculum outline.

Characteristics and classification of living organisms: Characteristics of living organisms, concept and use of a classification system, features of organisms, Dichotomous key, Biological drawings.

Cell structure; adaptations and specialization: Structure and function of plant and animal cells; differences between them; specialized cells and their adaptations; levels of organization, calculation of magnification using the formula.

Movement in and out of the cells: Diffusion, osmosis, active transport and related experiments

Biological molecules: Details related to Carbohydrates, Lipids, Proteins, Nucleic acids, Water; tests to identify the starch, reducing sugars, proteins, fats and oils and vitamin C

Enzymes and their functioning: Enzymes function and structure; factors affecting the functioning of enzymes; enzyme experiments and scientific method/investigations.

Plant nutrition: Photosynthesis; equation; factors affecting the rate of photosynthesis; Photosynthesis experiments- Leaf structure;

Teachers' names: Ms. Najma/ Ms. Hagar

Subject: Mathematics

Year group: 10

A/B /C & D

No.	Term 1 objectives:
1	Number: Multiples, Factors, prime numbers, rational and irrational numbers, square roots and cube roots, rounding, integers, fraction, decimals and percentage, indices, standard form, ratio and proportion, simple and compound interest, money, time
2	Algebra: Simplifying expressions, Factorisation, difference of two squares, Changing subject of a formula, factorising and solving quadratic expressions, Solving equations simultaneous equations, constructing equations.

No of assessments during the term (without including the end of term exam)	Assessment 1 Assessment 2
Total mark for each assessment (every assessment is out of what)	Assessment 1(40 marks) Assessment 2(40 marks)
No of exam papers to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	2 hrs

Topics and units covered/ Studying material/Practical skills & any other information

Number:

- Prime numbers, multiples, factors, LCM, HCF, square roots and cube roots
- Rational and irrational numbers
- Upper bound and lower bound
- Rounding to decimal places and significant figures
- Order of operations
- Express as fractions, decimals and percentage
- Addition, subtraction, multiplication and division of fractions
- Changing a recurring decimal to a fraction
- Simple percentages
- Percentage increase and decrease
- Simple interest and compound interest
- Ratio and proportion – direct and inverse proportion
- Increase and decrease by a given ratio
- Indices – positive and negative indices, exponential equations, fractional indices



- Money
- Time

Algebra:

- Expanding and simplifying
- Factorisation
- Transformation of formulae
- Factorisation by grouping
- Difference of two squares
- Factorising Quadratic expressions
- Simplifying complex algebraic fractions
- Simple linear equations
- Further simultaneous equations
- Constructing equations
- Solving quadratic equations by factorizing

Learn well : Chapters 1 to 9

Chapter 11

Chapter 13(Till page 140)

Teacher's name: **Esra Arafa/ Aakhifah**
group: **10**

Subject: **ICT**

Year

No.	Term 1 objectives:
1	Identify and discuss different types and computer system (Computer Hardware and Software).
2	Identify and Discuss input , output devices and storage devices and media.
3	Create presentation slides and set suitable styles to meet the audience requirements.
4	Understand how a router works and its purpose.
5	Understand the difference between intranet and internet and discuss their characteristics.
6	Explain the use of WIFI and Bluetooth in networks.
7	Demonstrate how to set up and configure a small network.
8	Discuss the pros and cons of using different types of computer to access the internet

Max. Number of objectives: 8

No of assessments during the term (excluding the end of term exam)	Assessment 1 Assessment 2
Total mark for each assessment (every assessment is out of what)	Total (30%) Assessment 1 (15%) Assessment 2 (15%)
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	1 hour and 30 minutes

Topics and units covered/ Studying material/Any other information

1.1 hardware and software
1.2 the main components of computer systems
1.3 operating systems
1.4 types of computer
1.5 impact of emerging technologies
2.1 Manual input devices and their uses
2.2 direct data entry and associated devices
2.3 output devices and their uses
3.1 identify storage devices, their associated media and their uses
19.1 use a master slide to appropriately place objects and set suitable styles to meet the needs of the audience
19.2 use suitable software tools to create presentation slides to meet the needs of the audience
19.3 use suitable software tools to display the presentation in a variety of formats, including: looped on-screen carousel, controlled presentation, presenter notes, audience notes taking into account the needs of the audience.
4.1 networks: understand how a router works and its purpose.
4.2 understand the characteristics and purpose of common network environments, such as intranets



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and the internet.

4.3 understand the use of WiFi and Bluetooth in networks.

4.4 understand how to set up and configure a small network, including: access to the internet, the use of a browser, the use of email, access to an ISP.

4.5 understand the advantages and disadvantages of using different types of computer to access the internet.

Teacher's name: Ms Mareem Subject: Business Studies Year group: 10

No.	Term 1 objectives:
1	Demonstrate understanding of Business aims and objectives
2	Identify the different types of organizations (Ownerships)
3	Demonstrate understanding of Classification of businesses
4	Decisions on Business Location
5	Business and the international economy

Max. Number of objectives :

No of assessments during the term (excluding the end of term exam)	Assessment 1 Assessment 2
Total mark for each assessment (every assessment is out of what)	Total (30%) Assessment 1 – 30 marks (15%) Assessment 2 – 27 marks (15%)
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	60 minutes

Topics and units covered/ Studying material/Any other information

- ✓ Businesses can have several objectives: • financial aims and • non-financial aims and objectives. Why business aims and objectives change as businesses evolve.
- ✓ Types of organizations: The main types of business ownership: • sole trader • partnerships • limited companies (private and public) • public corporations. Characteristics relating to size: • concepts of risk, ownership and limited liability • public corporations – reasons for and against public ownership • appropriateness of different forms of ownership. Different forms of business organisation: • franchises • social enterprises • multinationals.
- ✓ Classification of businesses: Primary, secondary and tertiary activities.
- ✓ Decisions on location: The main factors influencing location decisions and relocation of a business: proximity to market, labour, **materials** and competitors • nature of the business activity.
- ✓ Business and the international economy: Globalisation: • concept of globalization • opportunities and threats of globalization for businesses. The importance and growth of multinationals: • benefits of a business becoming a multinational • benefits to a country and/or economy where a multinational company is located
- ✓ Exchange rate calculation: The impact of exchange rate changes: • on international competitiveness • on importers and exporters.

Teacher's name: Miss Mareem Subject: Geography Year group: 10

No.	Term 1 objectives:
1	Explain in detail the physical processes give rise to characteristic coastal landforms.
2	Outline and describe distinctive ecosystems develop along particular stretches of coastline.
3	Understand that management of both physical processes and human activities is complex is needed to sustain coastal environments. Evaluate different management types.

Max. Number of objectives :

No of assessments during the term (excluding the end of term exam)	Assessment 1 Assessment 2
Total mark for each assessment (every assessment is out of what)	Total (30%) Assessment 1 - 38 marks (15%) Assessment 2 - 30 Marks (15%)
No of assessments needs to be included in end of term 1 exam timetable	1 (50%)
Duration of end of term exam/exams	1 hour 15 minutes

Topics and units covered/ Studying material/Any other information

- ✓ The coast as a natural system and its processes: marine (wave action, erosion, deposition, longshore drift); sub-aerial (weathering, mass movement).
- ✓ Landforms: erosional (headlands and bays; cliffs; wave-cut platforms; caves; arches, stacks and stumps); depositional (beaches, spits, bars).
- ✓ The impact of geology, vegetation, people and sea-level changes on coasts.
- ✓ Coastal ecosystems (coral reefs, mangroves, sand dunes, salt marshes) and their biodiversity. Physical factors affecting the distributions of coastal ecosystems.
- ✓ Coastal ecosystems are of value to people, but are threatened by tourism and other developments (industrialisation, agricultural practices, deforestation).
- ✓ Conflicts between different users of the coast and between development and conservation.
- ✓ Coastal retreat and its management. Coastal protection: soft and hard engineering; conflicting views.

Teacher's name: Miss Anisah Subject: IGCSE Travel and Tourism Year
group: 10

No.	Term 1 objectives:
1	Students will be able to define tourism and the various forms of transport and accommodation types.
2	Students will be able to explain why certain tourists go to chosen locations. (i.e. what may attract them to those locations)
3	Students will be able to classify impacts (positive and negative) into socio cultural, economic, political and environmental factors.
4	Students will be able to analyse the importance of customer service in the T&T industry

Max. Number of objectives is objectives.

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment (every assessment is out of what?)	A1: 33 A2: 22
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	1 hour 15 mins

Topics and units covered/ Studying material/Any other information

All of Unit 1 - Understand the key terms in travel and tourism and know of the various types of transport available to customers. To know and to identify the important key terms and able to distinguish between them and the different types:

- tourist boards
- travel agents
- accommodation providers
- transport providers
- tourist attractions
- catering outlets

Investigate the social, cultural, economic and environmental impact of travel and tourism. Be able to explain the role of the national governments in forming tourism policies and promotion.

All of Unit 3 - Understand what is meant by customer service, why it is necessary for the industry to apply good customer service, what could be the impacts of bad customer service. Operational and competence standards. How the employees work together to provide customer service, how it needs to be different depending on the customer. Also, should be able to explain the link between training and team work when providing customer service. Explain whether complaints are good or bad for a company and the reasons why.