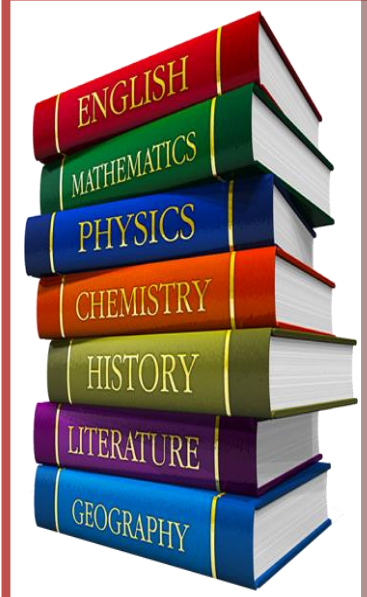
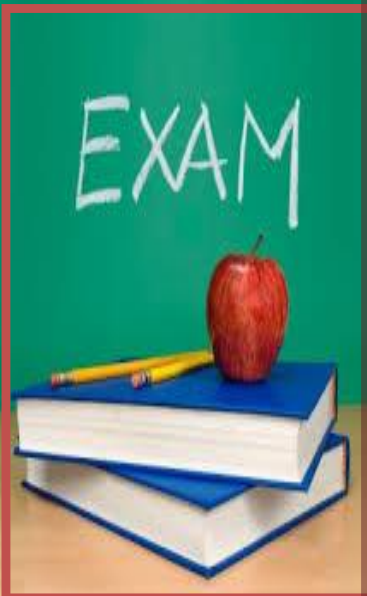


# YEAR 11



**Term 2 Exam**  
**2019-2020**

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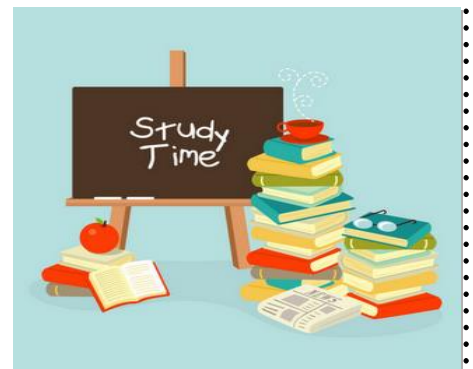


# O B J E C T I V E S

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- Geography



Teacher's name : Amal shalabi

Subject: Arabic

Year group: 11

No.	Term 2 objectives:
1	• أن تكتب نصًا نقاشيًا وآخر وصفيًا أو سرديًا متكامل العناصر في حدود 350-500 كلمة.
2	• أن تجيب عن أسئلة فهم المقروء إجابات تامة صحيحة بأسلوبها الخاص.
3	• أن تدمج النصين ملتزمة شروط الدمج، وعدد الكلمات المطلوب
4	• أن توظف قواعد النحو والإملاء 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	100

#### Topics and units covered/ Studying material/Any other information

المواضيع الداخلة باختبار نهاية الفصل

##### الكتابة :

- كتابة النص النقاشي والوصفي أو السري .
- أن تلتزم بالسلمات البنائية والأسلوبية للنص .
- أن توظف الحجج والبراهين المناسبة.
- أن توظف اللغة المجازية المناسبة.
- أن تطبق مهارات النحو والإملاء توظيفًا سليمًا أثناء الكتابة.

##### فهم المقروء :

- إجابة أسئلة فهم المقروء إجابة كاملة صحيحة وبأسلوب الطالبة الخاص.

##### مهارة الدمج:

- أن تستخلص الأفكار المطلوبة من النصين .
- أن تدمج النصين وفق عدد الكلمات المطلوب .
- (مع مراعاة التنويع في توظيف أدوات الربط المناسبة.)

Teacher's name : ميمونة محمد ، نسرین القضاة Subject: التربية الإسلامية  
Yeargroup: الحادي عشر

No.	Term 2 objectives:
1	أن تتلو الطالبات آيات سورة يوسف تلاوة صحيحة مع مراعاة أحكام التلاوة (36-43).
2	أن تحفظ الطالبة سورة الممتحنة حفظاً متقناً.
3	أن تفسر سورة النساء (36-59) تفسيراً صحيحاً.
4	أن تتعرف الطالبة على ثمار الأعمال الصالحة وأهمية الحرية في الإسلام.
5	أن تتعرف أبرز خصائص الرسائل السماوية ومفهوم الولاء والبراء وجوانب من حياة الأنمة الأربعة.

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	الاول 20 الثاني 20
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	تلاوة 10 تحريري 40

#### Topics and units covered/ Studying material/Any other information

مواضيع اختبار نهاية الفصل الثاني ( التلاوة والحفظ )

1- تلاوة سورة يوسف (36-43)

2- حفظ سورة الممتحنة

التحريري

1- توحيد الله تعالى والأمر بالإحسان ص 20

2- ثمار الأعمال الصالحة ص 34

3- الرسائل السماوية ص 46

4- أحكام اليمين ص 56

5- الحرية في الإسلام ص 74

6 - أداء الأمانات والحكم بالعدل. ص 91

7- الولاء والبراء 114

8- جوانب من حياة الأنمة الأربعة ص 136

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

Teacher's name : نبيلة لطفي Subject: اجتماعيات Year group: الحادي عشر

No.	Term 2 objectives:
1	1- أن تتعرف الطالبات على الخصائص الطبيعية لقارة آسيا
2	2- أن تذكر الأخطار الطبيعية لقارة آسيا ومنها الفيضانات
3	3- أن توضح حالة السكان في قارة آسيا من حيث العدد والنمو والتركيب
4	

**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	اختباران
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- الخصائص الطبيعية لقارة آسيا من ص 11 إلى ص 23
- 2- الأخطار الطبيعية في قارة آسيا من ص 23 إلى ص 32
- 3- السكان في قارة آسيا ( عدد السكان – النمو السكاني – التركيب السكاني ) من ص 35 إلى ص 42

**Teacher's Name: Miss Sarah    Subject: First Language English    Year Group: 11**

No.	Term 2 Exam Objectives:
1.	<b>Paper 1 – Reading (80 marks)</b> Completing the full paper of the new exam including comprehension, summary writing, language analysis and an extended response to the provided texts in the exam. Focus on SPaG in summary and extended response questions
2.	<b>Paper 2 – Directed Writing and Composition (80 marks)</b> Completing the full paper of the new exam including a persuasive piece of writing (non-optional) for Question 1 and writing either a narrative or descriptive piece of writing (options provided in the exam) for Question 2.
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)	Writing Assessment 1 – 40 (Narrative/Descriptive) Writing Assessment 2 – 15 (Language Analysis)
No. of exam papers to be included in end of term 2 exam timetable	2
Duration of end of term exam/exams	<b>Paper 1 – 2 hours</b> <b>Paper 2 – 2 hours</b> <b>Total = 4 hours</b>

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

**Topics covered:**

- Reading: language analysis skills, connotations and denotations, language features and devices, analytical writing, PEE structures, crafting different formats of writing e.g. letters, interviews, journals, speeches
- Writing: persuasive devices (WE ARE STARS), analysis of model speeches, commenting on effect, emotive language, engaging sentence openers, features of narrative writing, features of descriptive writing, learning how to structure and format narrative/descriptive pieces of writing, language features and devices, SPaG skills, revisiting common SPaG mistakes, punctuation, spelling tests, using new and ambitious vocabulary accurately

**Studying material:**

- Edmodo – lesson resources and PPs, including model answers, extracts and exam guidance notes
- Language Analysis Booklet – Independent Project on Edmodo
- Writing Homework – marked with feedback
- Assessment marking and feedback, including redraft lessons and teacher feedback notes

**Teachers: Ms Ana/Waheeda/Deniece**

**Subject: Second Language English**

No.	Exam Objectives:
<b>1</b>	To demonstrate all the skills required for the IGCSE exam: comprehension, summary writing, note-taking, informal and formal writing.
<b>2</b>	The ability to listen and to understand; as well as express thoughts and opinions clearly and correctly.
No of assessments during the term(without including the end of term exam)	<b>2</b>
Total mark for each assessment (every assessment is out of what)	<b>25 – Writing 30 - Speaking</b>
No of exam papers to be included in end of term 2 exam timetable	<b>2</b>
Duration of end of term exam/exams	<b>Paper 2 - 2 hours Paper 4 - 50 min</b>

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

**Students have now covered the full Second Language IGCSE syllabus to allow them to answer all of the questions in Paper 2 (Extended), have practised listening tasks for the Listening exam and speaking tasks for the Oral exam.**

**Exam Preparation:**

Students should continue to use English as much as possible in their daily lives.

Students have been provided with exam papers to use for practice and should do timed practise using papers available from reputable online sites, as recommended by their teachers, according to their specific targets. They should also use Cambridge ESL Coursebook 2 with specific focus on Unit 20 - Exam Practice.

They can consult their teachers for further practice materials and to discuss targets.

Teacher's name : hoda Saied

Subject: P.E

Year group:

11

No.	Term 2 objectives:
1	To participate in full games
2	To demonstrate attacking and defensive set plays
3	To demonstrate passing, dribbling and shooting skills in handball
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 Handball 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.



**Teacher's name: Ruchi Shangari Subject: Physics Year group: Grade 11**

No.	Term 2 objectives:
1	Physical quantities & units, Measurements techniques, More to do with measurements
2	Density, Mass & density, Speed, velocity , Force, mass & acceleration , Momentum
3	Gravitational field, Vectors, Moving in circle, Moment, Stretching & compressing
4	Pressure, Pressure in air, Gas pressure and volume
5	Work and energy, Calculating PE & KE, Efficiency, Energy for electricity, Energy resources
6	Thermal physics, Methods of Heat Transfer, Specific Heat Capacity, Specific Latent Heat
7	Waves, Wave effect
8	Sound wave, Characteristics of sound waves
9	Light rays & waves, Reflection/ refraction
10	Lenses
11	Electromagnetic waves
12	Magnets, Magnetic fields ,Magnetic effect of current, Electromagnets, Magnetic force on a current, Electric Motors, Electromagnetic Induction, Generators , Transformers
13	Electric charge, Electric fields, Current, potential difference, Resistance, Factors on which resistance depends, Series and parallel circuits, Electrical power and Energy, Mains electricity,
14	Electronic Essentials, More on Components, Logic gates
15	Inside atoms, Nuclear radiation, Radioactive decay, Nuclear energy, Using radioactivity

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 40
No of assessments needs to be included in end of term 2 exam timetable	3
Duration of end of term exam/exams	Paper 1/2 (45 mins), Paper 3/4 (1 hr 15 mins), Paper 6 (1 hr) Total time 3 hours Total Marks= 160 (40+80+40)

**Topics and units covered/ Studying material/Any other information**

**All the topics covered in year 10 and in term1 of year11 is included in the exam. Following is a rough outline of the topics covered. Please make sure that you follow the curriculum outline.**



## **Physical quantities & units, Measurements techniques**

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

### **Mass & density**

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

### **Speed, velocity, Force, mass & acceleration**

To define Speed, and velocity, To understand the difference between the two types, and solve problems on them. 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 3 laws. Give examples on them, Solve problems on relation between Force, mass & acceleration, Momentum and Conservation of Momentum

### **Gravitational field, Moving in circle**

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. Vectors, solving questions on finding resultant of vectors.

### **Moment, Stretching & compressing**

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.

**Pressure, Gas pressure and volume** To study the concept of Pressure, Define Pressure, solve problems on Pressure, To study about Pressure in air, Gas pressure, Solve problems on Gas pressure and volume

### **Work and energy, Calculating PE & KE**

To define Work and energy, Solve problems on work and Energy, Understand the relation between work and Energy. Define the types of energy, Understand examples, Study Energy conversions. Calculating PE & KE, Solve problems on kinetic energy and potential energy.

### **Energy for electricity, Energy resources**

To understand the concept of Efficiency, Energy for electricity, Types of Energy resources, Using energy resources to produce electricity

### **Thermal physics**

To understand different states of matter, Thermometers, Types of thermometers, Thermal Expansion, use of Bimetallic strip, Evaporation, Methods of heat transfer, Define Conduction, Convection, Radiation, Examples of heat transfer, Define Specific heat capacity, solve problems on them. To define Latent heat and types of latent heat, solve problems on them.

**Waves, Wave effect**—To study transverse and longitudinal waves, Effects of waves like reflection refraction diffraction, sound waves.

**Sound wave, Characteristics of sound waves** —To understand sound waves; To calculate speed of sound and understand the concept of echoes; To study the characteristics of sound waves

**Light rays & waves, Reflection/ refraction**—To understand the behavior of light waves, Reflection in mirrors, Refraction of light, Total internal reflection and study the calculations used in refractive index.



**Lenses**—Types of lenses, different behavior of lenses for objects at different distance from the lens.

**Electromagnetic waves**—Study the different waves of electromagnetic spectrum, properties of electromagnetic waves, applications of electromagnetic waves

**Magnets and Currents** --To study Magnets, Magnetic fields, To draw Magnetic field lines for types of magnets. To Study Magnetic effect of current and Magnetic force on a current. To study Electromagnets, uses.

To understand the concept of Electromagnetic Induction, working of Generators, Motors, To explain the construction, working, types of Transformers, Solve problems on Transformers.

**Electricity**--To Define Electric charge, To draw Electric field lines for different type of configurations,

To Define Current, Potential difference, Solve problems on current , potential difference,

To understand the concept of Resistance, To state Ohms law. Factors on which resistance depends, solve problems using formulae for resistance in series and parallel.

To understand working of Series and Parallel circuit, voltage and current variation in series and parallel circuit.

Use formulas to solve problems in different combinations of Series and parallel circuit.

To Define Electrical power and energy, derive formulas for Electrical power, solve problems on Electrical Power and Electrical Energy.

To explain Mains electricity, Functioning of fuse, Dangers in Mains Electricity.

**Electrons and Electronics**

To study the concept of different components used in Electronics like capacitors, resistors, etc,

To study types of resistors, functions, applications. More on components, Electronic switching

To study Logic gates, Types of logic gates, Truth table of logic gates, Their use in electronic circuit

**Atoms and Radioactivity**: To study the Inside of atoms, Understand Radioactivity, Concept of Nuclear radiation, Radioactive decay, Nuclear energy, Use of radioactivity. Nuclear Energy and Nuclear Fusion

**Resources- Textbook and reference notes given in the class.**

**Teacher name:** Ms. Uzma / Ms. Salma

**Subject:** Chemistry

**Year group:**

11

No.	Term 2 objectives:
1	Organic chemistry-Hydrocarbons & fuels
2	Organic chemistry(Nomenclature), hydrocarbons(saturated, unsaturated)
3	Functional groups-alcohols, carboxylic acid, esters
4	Polymers-natural & synthetic

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	
No of assessments needs to be included in end of term 2 exam timetable	3	
Duration of end of term exam/exams CORE= P 1,3, 6 EXT= P 2,4, 6	<table><tr><td>Paper 1/2 (45 min) 40 marks Paper 3/4 (1 hour 15 min) 80 marks Paper 6 (1 hour) 40 marks</td></tr></table>	Paper 1/2 (45 min) 40 marks Paper 3/4 (1 hour 15 min) 80 marks Paper 6 (1 hour) 40 marks
Paper 1/2 (45 min) 40 marks Paper 3/4 (1 hour 15 min) 80 marks Paper 6 (1 hour) 40 marks		

**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 from melting points and Boiling points; Describe different purification techniques.

**Atoms:** Describe the structure of atoms 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.

**Periodic Table:** Predict the periodic trends in the physical and chemical properties of the elements, group properties (1, 7 and 0), transition elements & explain the trends across the periodic table, period 2 and 3.

**The mole:** Explain and deduce the Relative atomic mass, RMM of elements / compounds, calculate the % composition, define the term the mole and solve problems on mole conversions, deducing empirical and molecular formula using % composition and calculate the concentration of solutions.

**Chemical Equations:** Balancing the given equations for chemical reactions, solve problems on calculations from equations, explain molar volume and solve problems on reactions involving gases, perform a titrations and deduce the % yield and purity of a chemical reaction.

**Redox reactions:** Definition of oxidation & reduction, explain redox in terms of electron transfer and calculate the changes in oxidation state during a chemical reaction. Oxidising



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& reducing agents

**Electrochemistry:** Predict the products of electrolysis of an electrolyte in molten & in aq. State; electroplating; application of electrolysis

**Acids ,base & salts:** Properties & reactions of acids & bases;preparation, separation & purification of soluble & insoluble salts; identification of cations& anions and gases.

**Rate of reaction:** Effect of concentration, particle size, catalyst (including enzymes) and temperature on rate of reaction; Methods for investigating the effect of these variables on rate of reaction.

**Energy changes & reversible reactions:** Exo/endothermic reaction, Chemical equilibrium

**Metals:** Reactivity series, reactions, uses, Thermal decomposition of metal compounds, Extraction of Fe, Al, Cu & Zn from their ores

**Air & water:** Composition of air, separation by fractional distillation, experiment to drive the% oxygen in air(oxidation of cu);Test for water, water treatment, uses; Noble gasses, uses; Properties& uses of  $H_2$ ,  $O_2$ ,  $Cl_2$ ,  $NH_3$ ,  $SO_2$ ,  $SO_3$ ,  $CaCO_3$ ,  $CO$ ,  $CO_2$ ,  $NH_3$  (Haber process), fertilizers; $H_2SO_4$  (contact process);Common pollutants ( $CO$ ,  $SO_2$ ,  $NO_x$ , Pb-compds), catalytic converter

**Organic Chemistry:** Nomenclature- naming& drawing structure of organic compounds-alkanes, alkenes, alcohols ,carboxylic acid, esters; saturated & unsaturated hydrocarbons, combustion of organic compounds; Reactions of alkanes, alkenes, alcohols, carboxylic acids &esters, polymers-natural( protein, carbohydrates, fats) & synthetic( nylon, terylene -ester & amide linkage

Solve past papers from link:

<https://www.savemyexams.co.uk/igcse-chemistry-cie/>

CIE syllabus covered during last two years:

<https://www.cambridgeinternational.org/Images/414445-2020-2021-syllabus.pdf>

**For thorough preparation of the course material please read & understand each lesson from your textbook, solve end of chapter exercises, solve past papers and use lab activities, work sheets & class notes as extra resources**

Teacher's name: Ms Fauzia/Ms Hasna  
A/B/C

Subject: Biology

Year group: 11

No.	Term 2 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
7	Human nutrition
8	Transport in plants
9	Transport in Animals
10	Diseases and immunity
11	Gas exchange in humans
12	Respiration
13	Excretion
14	Co-ordination and response
15	Drugs
16	Reproduction in plants and humans
17	Inheritance
18	Variation and selection
19	Organisms and their environment
20	Biotechnology and genetic engineering
21	Human influences on ecosystems

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, 40
No of assessments needs to be included in end of term 2 exam timetable	3
Duration of end of term exam/exams	Paper1/2 (45 mins), Paper 3/4 (1 hr 15 mins), Paper 6 (1 hr) -Total time 3 hours Total Marks=160 (40+80+40)
Topics and units covered/ Studying material/Any other information	



**All the topics covered in year 10 and in year 11 are 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.

**Plant nutrition:** Photosynthesis; equation; factors affecting the rate of photosynthesis; Photosynthesis experiments- limiting factors; photosynthesis and environment; Leaf structure; Plants and mineral requirements.

**Human Nutrition:** Diet, balanced diet, teeth and tooth decay, alimentary canal, mechanical and chemical digestion, absorption, assimilation and egestion.

**Transport in plants:** Structure and function of xylem and phloem, their positions in cross section of a stem, root and leaf. Transpiration and translocation.

**Transport in Animals:** Structure of heart, double and single circulations, cardiac cycle, blood vessels and lymphatic vessels. Blood, tissue fluid and lymph.

**Diseases and immunity:** transmission of diseases, prevention and control of transmissible diseases, defenses of the body, active and passive immunity, role of vaccinations.

**Gas exchange and breathing:** structure and features of the gas exchange system in humans, ventilation, and effect of exercise on breathing.

**Respiration:** aerobic and anaerobic respiration, uses of energy in the body

**Excretion in humans:** excretion of toxic substances, deamination, structure of a kidney, role of kidneys in excretion, kidney dialysis and transplants

**Co-ordination and response:** nervous control in humans, sense organs, hormones in humans, homeostasis and tropic responses.

**Drugs:** medicinal drugs and misused drugs.

**Reproduction:** Asexual reproduction, sexual reproduction in plants and humans, sex hormones, menstrual cycle, birth control, fertility treatments and sexually transmitted infections.

**Inheritance, variation and selection:** chromosomes, genes, protein synthesis, mitosis, meiosis, monohybrid inheritance, variation, adaptive features, natural and artificial selection (selective breeding)

**Organisms and their environment:** Energy flow, food chains and food webs, nitrogen, carbon and water cycles, populations.

**Biotechnology:** Uses of bacteria, using yeast to make biofuels and bread, genetic engineering of crop plants and for making human insulin

**Human influences on the environment:** Increased food supply, uneven distribution of food, impacts of monocultures and intensive farming, habitat destruction, pollution, conservation and sustainability.

*Use your textbook, notes, powerpoints on Edmodo and past papers for revision. Make sure you bring all necessary stationery and a calculator to the exam.*



No.	Term 2 objectives:
1	Number
2	Algebra
3	Shape & space
2	Statistics

Max. number of objectives is 4 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)	40
No of exam papers to be included in end of term 1 exam timetable	2 Paper 2 & paper 4
Duration of end of term exam/exams	1 hr 30 mins – paper 2 2 hrs 30 mins – paper 4

**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  
 Direct and inverse variation  
 Money  
 Time  
Set notation and Venn diagrams  
Problems involving sets

**Sequences**

Arithmetic sequences  
 Sequences with quadratic and cubic  
 Exponential sequences





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## **Algebra:**

### **Equations and inequalities:**

Simple linear equations

Constructing equations

Simultaneous equations

Constructing further equations

Solving quadratic equations by factorizing

Algebraic indices

The quadratic formula

Solving quadratic equations by completing the square

Expanding a bracket

Expanding a pair of brackets

Simple factorizing

Substitution

Further expansion

Factorisation by grouping

Difference of two squares

Factorising quadratic expressions

Transformation of complex formulae

Simple linear equations

Simultaneous equations (Linear and non- linear)

Constructing equations

Solving quadratic equations by factorizing

The quadratic formula

Completing the square

Algebraic fractions

Addition and subtraction of fractions

Simplifying complex algebraic fractions

Functions –

Evaluating functions

Composite functions

Inverse functions

### **Graphs in practical situations**

Travel graphs

Speed-time graphs, acceleration & deceleration

Area under a speed-time graph

### **Differentiation and the gradient function**

Second derivative

Gradient of a curve at a point

Calculating the value of x when the gradient is given

Equation of the tangent at a given point

Stationary or turning points



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## **Straight line graphs**

Parallel and perpendicular lines

Solving equations by graphical methods

## **Graphs of functions**

Quadratic functions

Reciprocal function

Types of graphs

Exponential functions

Recognising and sketching functions

Sketching linear, quadratic, cubic, reciprocal and exponential functions

Gradients of curves

## **Trigonometry:**

Trigonometric ratios

Pythagoras theorem

Angles of elevation and depression

Sine, Cosine and Tan graphs

## **Further Trigonometry:**

The sine rule

The cosine rule

The area of a triangle

3D trigonometry

Bearings

## **Angle Properties:**

Angles at a point and on a line

Angles formed within parallel lines

Angles in a triangle

Angles in a quadrilateral

The sum of interior angles of a polygon

The angle in a semi-circle

The angle between a tangent and a radius of a circle

Angle properties of irregular polygons

Angle at the centre of a circle

Angles in the same segment

Angles in opposite segments

Tangents from an external point

## **Similar shapes**

Scale factor of similar shapes

Area and volume of similar shapes

## **Mensuration**

Perimeter, area and volume



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## **Perimeter and area of rectangle**

### **Area of a triangle**

### **The area of parallelograms and trapeziums**

### **The circumference and area of a circle**

### **The surface area of a cuboid and cylinder**

### **Volume of a prism**

### **Arc length and Area of a sector**

### **Volume of a sphere**

### **Surface area of a sphere**

### **Volume of a cone**

### **Surface area of a cone**

### **The volume and surface area of a Pyramid**

## **Transformations**

### **Transformations**

### **Combinations of transformations**

## **Vectors**

### **Vectors – translation**

### **Addition and subtraction of vectors**

### **Magnitude of a vector**

### **Vector geometry**

## **Statistics**

### **Statistics - Mean, median, mode and range**

### **The mean for grouped data**

### **Scatter graphs**

### **Histograms**

### **Cumulative frequency**

### **Box-and-whisker plots**

## **Probability**

### **Relative frequency**

### **Further probability – combined events**

### **Tree diagrams**

### **Conditional probability**

## **Nets**

### **Symmetry Properties**

### **Recognize symmetry properties of the prism (including cylinder) and the pyramid (including cone)**

Teacher's name: **Sumeera Wajid** Subject: **ICT** Year group: **Year 11**

Topics and units covered/ Studying material/Any other information

### **Section 1: Theory**

**1. Types and components of computer system.**

- Hardware and software
- Types of computers
- operating systems
- impact of emerging technologies

**2. Input and output devices**

- Manual Input devices
- Automatic Input devices
- Output Devices

**3. Storage devices and media**

- Backing up of data
- Types of access
- Secondary storage media

**4. Networks and the effects of using them**

- Network Hardware
- Intranet, internet and Extranet
- Wi-Fi and Bluetooth
- network issues and communication

**5. The effects of using IT**

- Effects on employment
- Working patterns
- MP controlled devices at home
- MP controlled devices at home
- Health problems

**6. ICT applications**

- communication applications
- data handling applications
- measurement applications
- microprocessors in control applications
- modelling applications
- applications in manufacturing industries
- school management systems
- booking systems
- banking applications
- computers in medicine
- computers in libraries
- expert systems
- computers in the retail industry
- recognition systems
- monitoring and tracking systems
- satellite systems

## **7. The systems life cycle**

- analysis
- design
- development and testing
- implementation
- documentation
- evaluation

## **8. Safety and security**

- physical safety
- e-safety
- security of data
- Additional security of data online

## **9. Audiences**

- Audience appreciation
- Legal, moral and cultural appreciation

## **10. Communication**

- communicate with other ICT users using email
- effective use of the internet

# **Section 2: Practical**

## **11. File management**

- manage files effectively
- reduce file sizes for storage or transmission

## **12. Images**

- Edit an image

## **13. Layout**

- Place object in document
- Header and footers

## **14. Styles**

- Purpose of corporate house style
- Consistency of presentation

## **15. Proofing**

- software tools
- proofing techniques

## **16. Graphs and charts**

- chart types
- create, label charts
- use secondary axes

## **17. Document production**

- format text
- edit table
- mail merge

## **18. Data manipulation**

- create a database structure
- manipulate data
- present data

### 19. Presentation

- Slide Master
- Use of software tools
- Printed and on-screen presentation layout

### 20. Data analysis

- create a data model
- test the data model
- manipulate data
- present data

### 21. Web authoring

- web development layers
- create a web page
- create a web page
- use stylesheets
- test and publish a website

No of assessments during the term (excluding the end of term exam)	2
Total mark for each assessment (every assessment is out of what)	Total (30%) Assessment 1 (27) Assessment 2 (18)
No of assessments needs to be included in end of term 2 exam timetable	3 Assessments 2 practical each exam 2.5 hours 1 theory exam for 2 hours.
Students need to revise above mentioned topics from given notes, books and IGCSE past papers. Students can also take help from and <a href="http://www.teach-ict.com">www.teach-ict.com</a> , <a href="http://www.ictlounge.com">www.ictlounge.com</a> , <a href="http://www.igcseict.info">www.igcseict.info</a>	



Teacher's name: Mrs Mareem/ Ms. Anisah Subject: Business Studies Year  
group: 11

No.	Term 2 objectives:
<b>1</b>	<b>Business activity and influences on business</b> This section covers the various objectives of a business, changing business environments and the criteria for judging success. The focus is on the importance of having clear business objectives and how the business environment provides opportunities for, and imposes constraints on, the pursuit of these objectives.
<b>2</b>	<b>People in business</b> This section looks at people in organisations, focusing on their roles, relationships and management in business.
<b>3</b>	<b>Business finance</b> This section explores the use of accounting and financial information as an aid to decision making.
<b>4</b>	<b>Marketing</b> This section focuses on identifying and satisfying customer needs in a changing and competitive international environment.
<b>5</b>	<b>Business operations</b> This section examines the way organisations use and manage resources to produce goods and services.

**Max. Number of objectives : .....**

No of assessments during the term (excluding the end of term exam)	<b>Assessment 1</b> <b>Assessment 2</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (30% )</b> <b>Assessment 1 - 30 marks (15%)</b> <b>Assessment 2 - 45 marks (15%)</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>Paper 1 – 80 marks</b> <b>Paper 2 – 80 marks</b>
Duration of end of term exam/exams	<b>Paper 1 - 1 hours 30 minutes</b> <b>Paper 2 - 1 hours 30 minutes</b>



## Topics and units covered/ Studying material/Any other information

### **1 – Business activity and influences on business**

#### **1.1 Business objectives**

- 1.1.1 Businesses can have several objectives
- 1.1.2 Why business aims and objectives change as businesses evolve.
- 1.2 Types of organisations
  - 1.2.1 The main types of business ownership
  - 1.2.2 Characteristics relating to size
  - 1.2.3 Different forms of business organisation

#### **1.3 Classification of businesses**

- 1.3.1 Primary, secondary and tertiary activities:

#### **1.4 Decisions on location**

- 1.4.1 The main factors influencing location decisions and relocation of a business:

#### **1.5 Business and the international economy**

- 1.5.1 Globalisation
- 1.5.2 The importance and growth of multinationals
- 1.5.3 Exchange rate calculation
- 1.5.4 The impact of exchange rate changes

#### **1.6 Government objectives and policies**

- 1.6.1 Government spending
- 1.6.2 How governments can affect business activity
- 1.6.3 The effect of interest rates on

#### **1.7 External factors**

- 1.7.1 The external factors affecting business decisions

#### **1.8 What makes a business successful?**

- 1.8.1 Measuring success in business
- 1.8.2 Reasons for business failure

### **2 – People in Business**

#### **2.1 Internal and external communication**

- 2.1.1 Importance of good communication and the problems
- 2.1.2 Barriers to communication

#### **2.2 Recruitment and selection process**

- 2.2.1 Types of employment
- 2.2.2 Recruitment documents
- 2.2.3 Internal and external recruitment
- 2.2.4 Legal controls over employment and their effects

#### **2.3 Training**

- 2.3.1 Importance of training to a business and workers





## **2.4 Motivation and rewards**

- 2.4.1 The importance of motivation in the workplace
- 2.4.2 How businesses motivate employees

## **2.5 Organisation structure and employees**

- 2.5.1 Organisational charts for different types of business
- 2.5.2 Roles and responsibilities of employees in terms of compliance and accountability
- 2.5.3 The different functional areas within a business

# **3 – Business finance**

## **3.1 Business finance – sources**

- 3.1.1 The need for finance
- 3.1.2 Internal sources of finance
- 3.1.3 External sources of finance

## **3.2 Cash flow forecasting**

- 3.2.1 The importance of cash to a business:
- 3.2.2 Calculation and interpretation of cash-flow forecasts

## **3.3 Costs and break-even analysis**

- 3.3.1 The concept and calculation of
- 3.3.2 The concept of break-even and calculation of break-even (from formula or diagram):
- 3.3.3 Interpretation of break-even charts

## **3.4 Financial documents**

- 3.4.1 The purpose of statements of comprehensive income
- 3.4.2 The purpose of statements of financial position

## **3.5 Accounts analysis**

- 3.5.1 Calculating and analysing accounting ratios
- 3.5.2 Liquidity
- 3.5.3 The use of financial documents

# **4 – Marketing**

## **4.1 Market research**

- 4.1.1 The purpose of market research
- 4.1.2 Methods of market research
- 4.1.3 The use of data in market research

## **4.2 The market**

- 4.2.1 Importance of marketing:
- 4.2.2 Responding to changes in the market:
- 4.2.3 How businesses use market segmentation to target customers:

## **4.3 The marketing mix**

- 4.3.1 Product



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4.3.2 Price

4.3.3 Place – distribution channels

4.3.4 Promotion

## **5 – Business operations**

### **5.1 Economies and diseconomies of scale**

5.1.1 Economies of scale

5.1.2 Diseconomies of scale

### **5.2 Production**

5.2.1 Production processes

5.2.2 Principles of lean production

5.2.3 Impact of technology in production

### **5.3 Factors of production**

5.3.1 Changing relationships between enterprise, capital, land, and labour

### **5.4 Quality**

5.4.1 The concept of quality and its importance

Teacher's name: Miss Anisah Subject: Travel & Tourism Year group: 11

No.	Term 2 objectives:
1	The travel and tourism industry
2	Features of worldwide destinations
3	Customer care and working procedures
4	Travel and tourism products and services
5	Marketing and Promotion

**Max. Number of objectives: .....**

No of assessments during the term (excluding the end of term exam)	<b>Assessment 1</b> <b>Assessment 2</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (30%)</b> <b>Assessment 1 - 30 marks (15%)</b> <b>Assessment 2 - 35 marks (15%)</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>Paper 1 &amp; Paper 2</b>
Duration of end of term exam/exams	<b>Paper 1 - 2 hours 0 minutes</b> <b>Paper 2 - 2 hours 30 minutes</b>

### Topics and units covered/ Studying material/Any other information

#### Unit 1: The travel and tourism industry

#### **1. Understand and explain the structure of the international travel and tourism industry**

- (a) Definitions of the industry
- (b) Awareness of the roles of: • tourist boards • travel agents • tour operators • accommodation providers • transport providers • tourist attractions • catering outlets • entertainment venues • ancillary tourist services

#### **2. Investigate the social, cultural, economic and environmental impact of travel and tourism**

- (a) Types of tourism impact (economic, environmental and social issues related to the measurement of tourism impacts)
- (b) Economic impacts: • tourism's contribution to the balance of payments and employment • tourism multipliers, i.e. types, calculations, application to problems and links with economic development • impact on local economy • negative impacts of tourism (inflation, leakage, opportunity costs, over-dependence)
- (c) Environmental impacts: • importance of the environment • positive effects – investment, conservation, regeneration, visitor management • negative effects – air, vegetation, wildlife, water quality, other pollution issues such as congestion.
- (d) Social and cultural impacts: • the demonstration effect and nature of tourist/host



encounter • positive and negative impacts • employment structures, morals, culture, health, traditions, loss of national identity

### **3. Identify the role of national governments in forming tourism policy and promotion**

- (a) The role of national and regional tourist boards
- (b) Provision of travel and tourist information centres, in country and out of country

### **4. Investigate the patterns of demand for international travel and tourism**

- (a) Patterns of demand for international tourism; historic trends of international tourism, volume and value.
- (b) Major tourism generators and receiving countries in the world, including current trends

## **Unit 2: Features of worldwide destinations**

### **2.1 Demonstrate knowledge of the main global features**

- (a) Location of major continental land masses, oceans and seas
- (b) Location of the world's major cities in relation to their importance as major transport hubs and destinations

### **2.2 Demonstrate awareness of different time zones and climates**

- (a) Relationship between global position (longitude) and time zones
- (b) Relationship between global position (latitude) and physical environment (equatorial, tropical – including deserts, temperate, arctic)
- (c) Influence of climate on tourism (relief, temperature, sunshine, precipitation, humidity, wind, hazards)
- (d) Correct information on climatic areas identified, using reference sources

### **2.3 Investigate travel and tourism destinations**

- (a) Nature of destinations, e.g.: • perishable (they can be altered) • multiple use (people other than tourists use the destinations) • cultural appraisals (destinations are influenced by fashion) Ingredients of a successful destination, e.g.: location, attractions, organisation, support facilities.
- (b) Tourist destinations as amalgams (combinations) of specific environmental factors such as attractions (natural and man-made), shopping centres, support facilities, hospitality and organisation.
- (c) Implications of viewing destinations as amalgams and the idea of sustainability

### **2.4 Identify and describe the features which attract tourists to a particular destination**

- (a) Features of location (climate, location, cultural, religious, etc.) identified and described, using reference sources.
- (b) Reasons why certain tourists (e.g. disabled, young people, families, business visitors) might be attracted to a location.
- (c) Influence of physical features on the opportunities and constraints for the development of tourism, e.g. mountains and hills, coasts and inland waterways.



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### **Unit 3: Customer care and working procedures**

#### **3.1 Deal with customers and colleagues – “the moment of truth”**

- (a) Importance of following customer care policies
- (b) Necessity of good teamwork and training
- (c) Importance of courtesy, tact and diplomacy recognised when dealing with customers and any specific needs
- (d) Procedures for handling complaints

#### **3.2 Identify the essential personal skills required when working in the travel and tourism industry**

- (a) Awareness of the need for essential personal and interpersonal skills in particular job roles
- (b) Importance of personal presentation, clear speech, numeracy and literacy skills
- (c) Awareness of applications of technology: • computerised reservation systems  
• other information technologies, such as: telephone, telex, video text, facsimile, Internet

#### **3.3 Follow basic procedures when handling customer enquiries, making reservations and payments**

- (a) Customer’s requirements correctly interpreted upon receipt of an enquiry (in person, in writing, by telephone/fax/email)
- (b) Simple reservation file prepared following set procedures, including use of diary for further action required
- (c) Simple receipt issued and payments recorded

#### **3.4 Use reference sources to obtain information**

- (a) Timetables, travel brochures and tariffs used to obtain accurate information
- (b) Itinerary drawn up to meet customer’s requirements
- (c) Use of computerised information systems and relevant technology to obtain information (Worldspan, Sabre, Galileo, World Wide Web)
- (d) Exchange rate lists devised and used

#### **3.5 Explore the presentation and promotion of tourist facilities**

- (a) Range of promotional methods and their use identified (e.g. visual displays for shop window, advertisements, leaflets, brochures, Internet)

### **Unit 4: Travel and tourism products and services**

#### **4.1 Identify and describe tourism products**

- (a) Inter-relationship between travel and transport, catering and accommodation, attractions, leisure and recreation and business facilities
- (b) Components included in different tourism products (e.g. package, independent, all-inclusive holidays)
- (c) Ancillary services – guiding, currency, marketing services

#### **4.2 Explore the roles of tour operators and travel agents in the chain of distribution**



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(a) International tour operators (wholesalers)

- tour operator's product (transport plus accommodation)
- types of tour operator (e.g. incoming tour operators)
- nature of tour operations (how to put together a tour)
- operating characteristics of tour operators (economics, scale of operations, seasonality, integration, importance of price, consumer protection)

(b) Retail travel agents: • role of travel agents • different services offered

- understanding of travel agency appointments (e.g. ticket licensing) and conditions • operating characteristics

#### **4.3 Describe support facilities for travel and tourism**

(a) Concept of infrastructure – features of the built environment (utilities, roads, telecommunications, airports, ports), details of how they are funded, link with level of economic development.

(b) Type and range of accommodation available (serviced/self-catering, hotels, guest houses, hostels, camping, luxury, budget, etc.): • economies of operation and scale of investment • measures of efficient operation, e.g. occupancy rates • classification and grading • facilities provided for business/leisure tourists

(c) Local public transport provision and relationship with improved accessibility – express links to airport (coach, rail, shuttle services), integrated rapid transit system or other forms of transportation.

#### **4.4 Explore the features of worldwide transport in relation to major international routes**

(a) Air Transport: • main intercontinental routes and airports identified • types of air transport operation (charter and scheduled, domestic and international) • operating economics of air transport, full fare versus budget ('no frills') • government regulation/deregulation of air transport • the advantages and disadvantages of regulation • air transport and tourism development – the role of governments and international bodies (e.g. IATA)

(b) Sea transport: • main ports and international passenger ferry routes identified • operating economics of sea transport • major types of sea transport for tourism – passenger ferries (and major crossing areas), cruise ships (and major cruise circuits)

(c) Rail and road transport: • major international tourist networks • nature and operating economics of rail and road transport • importance of motor transport in tourism

### **Unit 5: Marketing and promotion**

#### **5.1 Role and function of marketing and promotion**

(a) Identify and explain why marketing and promotion are important to travel and tourism providers: • increased sales/usage/profitability/market share/customer base • competitive advantage • positive organisational and product image • customer satisfaction/brand loyalty/repeat business

(b) Describe the main marketing and promotion techniques used in travel and tourism: Market research • the use of primary market research techniques (such as self-completion questionnaires, telephone surveys, face-to-face interviews, Internet surveys, postal surveys, focus groups) and secondary market research techniques (such as internal



information, e.g. sales records and sources of external information, e.g. government reports) • identifying customers' needs and wants using qualitative and quantitative research data Market analysis tools • full situation analysis incorporating SWOT (strengths, weaknesses, opportunities and threats) and PEST (political, economic, social and technological influences) analyses • the development of an effective marketing mix (product, price, place and promotion)

## **5.2 Market segmentation and targeting**

- (a) Identify the different market segments targeted by travel and tourism providers:
- geographic • demographic • lifestyle/psychographic
- (b) Explain how specific travel and tourism products are developed to cater for the needs and expectations of different market segments:
- products (package holidays, transport including transfers, accommodation and catering, tourist attractions, tourist information services, excursions and additional activities)
  - the relationship with market segments: type of customer (families, singles, groups, business, leisure, independent travellers); different ages/gender; specific needs; special interest; quality/ economy/value for money, etc.

## **5.3 'Product' as part of the marketing mix**

- (a) Identify and explain the differences between travel and tourism products and services:
- products (tangible, homogeneous, separable, storable) identified and explained
  - services (intangible, heterogeneous, inseparable, incapable of being stored, perishable) identified and explained
- (b) Investigate the development and modification of travel and tourism products and services through:
- the use of the product life cycle (research and development, introduction, growth, maturity, saturation and decline)
  - the creation of brand image through product features, packaging, price, promotion, target market segments and brand loyalty
  - the development of a product/service mix to appeal to different market segments and the ways in which tourism organisations develop a product portfolio.

## **5.4 'Price' as part of the marketing mix**

- (a) Investigate a range of common pricing policies used in the travel and tourism industry:
- market penetration • market skimming • discount pricing • variable pricing • loss leader pricing • promotional pricing/special offers • the going rate/competitive pricing (price makers/price takers) • prestige pricing • price bundling
- (b) Identify and explain the factors that determine pricing policies:
- fixed and variable costs • profitability • subsidies • competitors • customers' expectations/likely number of customers • seasonality • economic factors (exchange rates, taxes and other levies)

## **5.5 'Place' as part of the marketing mix**

- (a) Investigate the factors that influence the selection of a location for travel and tourism facilities:
- costs • availability of suitable premises/land • character and features of area • local and transient population • adjacent facilities • access/transport links • availability of staff
- (b) Identify and explain the range of distribution channels for travel and tourism products



and services: • direct selling • wholesalers • retailers • Internet • Global Distribution Systems.

### **5.6 'Promotion' as part of the marketing mix**

(a) Explore the main methods of promotion used in the travel and tourism industry:

- advertising
- publicity/print material (brochures, leaflets, flyers)
- point of sale displays
- public relations (sponsorship, press release)
- direct marketing
- sales promotions (special offers, use of merchandising, mascots)
- personal selling
- videos/DVDs
- Internet (websites, pop-ups, e-brochures)
- electronic media including the use of mobile technology and social networks (e.g. Facebook, Twitter, LinkedIn)
- trade promotions (trade fairs, familiarisation trips, incentives)

(b) Identify and explore the factors that are considered when producing effective promotional materials: • costs • stages of the promotional campaign • target market segments • timing • brand image • AIDA (attention, interest, desire, action) in designing effective promotional materials.



**Subject: Geography**      **Year group:11**

No.	Term 2 objectives:
1	<b>Coastal environments</b> - To identify, explain, demonstrate understanding and use interpretation, analysis and reasoning to the environments at the coast.
2	<b>Hazardous environments</b> - To identify, explain, demonstrate understanding and use interpretation, analysis and reasoning to the different types of hazards and their causes and effects.
3	<b>Economic activity and energy</b> - To identify, explain, demonstrate understanding and use interpretation, analysis and reasoning to the economic activity and energy.
4	<b>Urban environments</b> - To identify, explain, demonstrate understanding and use interpretation, analysis and reasoning to the environments in regards to growth of cities and causes and effects.
5	<b>Global issues</b> - globalization, migration- To identify, explain, demonstrate understanding and use interpretation, analysis and reasoning to the push and pull factors for migration and global world.

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment	30% ( 25 marks each assessment)
No of assessments in end of term 2 exam timetable	2= 50%
Duration of end of term exam/exams	<b>PHYSICAL GEOGRAPHY</b> 1 hour and 10 minutes, 70 marks
	<b>HUMAN GEOGRAPHY</b> 1 hour and 45 minutes, 105 marks



#### Topics and units covered/ Studying material/Any other information

- Coastal environments , processes, landforms, ecosystem, flooding, coastal management, case studies
- Hazardous environments, types of hazards, tropical cyclones, volcanic eruptions, earthquakes, predicting and preparation, responding to hazards, case studies.
- Economic activity, employment structure, resources and population, renewable and non-renewable, case studies
- Urban environments, urbanization, process, challenges, land use pattern, sustainable, urban-rural fringe, case studies.
- Global issues - globalization and migration, causes, effects, impact, case studies
- Fieldwork studies - diagrams, sketch, graphs

Please use your class notes, worksheets, past assessments, Edexcel and CIE past papers and textbook for revision.

### Paper 1: Physical geography

#### Introduction

This paper brings together physical geography and people-environment processes and interactions. The paper consists of two sections.

#### **Section A - candidate study two.**

- Coastal environments
- Hazardous environments

**Section B** – Students are required to undertake a geographical investigation involving fieldwork and research, in **one** natural environment. In this paper, students choose **one** out of three fieldwork-related questions from: River environments, Coastal environments or Hazardous environments.

**Written examination: 1 hour and 10 minutes, 70 mark**

## PAPER 2 –HUMAN GEOGRAPHY

### Section A - candidate study two.

- Economic activity and energy
- Urban environments

**Section B** - Students are required to undertake a geographical investigation involving fieldwork and research, in **one** human environment. In this paper, students choose **one** out of three fieldwork-related questions from: economic activity and energy, rural environments or urban environments.

**Section C** - Students are required to apply their knowledge and understanding of human and physical geography to investigate broader global issues. Students choose **one** out of three questions from: fragile environments and climate change, globalisation and migration and development and human welfare.

**Written examination: 1 hour and 45 minutes, 105 marks**

**Resources EDEXCEL INTERNATIONAL GCSE (9-1)  
GEOGRAPHY (2017)**

**SAMs (Sample Assessment Materials)**

[http://qualifications.pearson.com/en/qualifications/  
edexcel-international-gcses-and-edexcel-  
certificates/international-gcse-geography-2017.html](http://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-geography-2017.html)