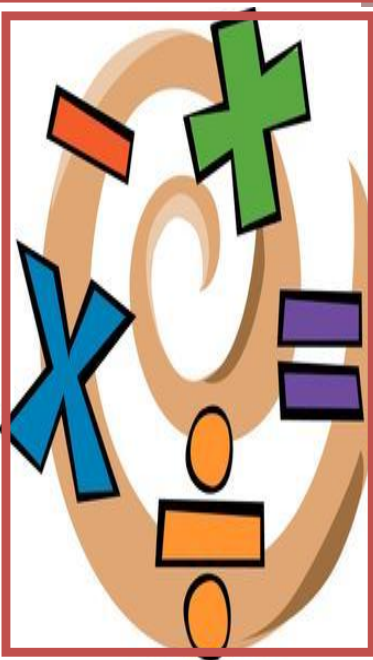
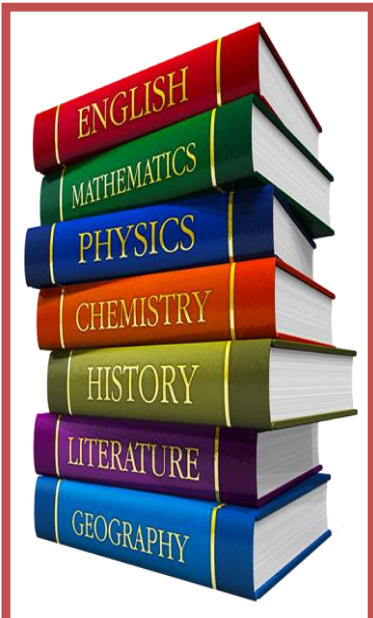
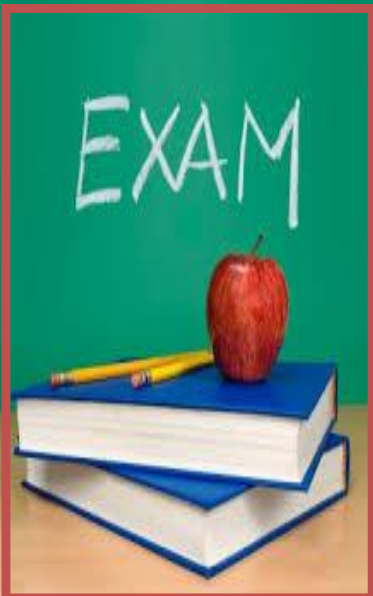


YEAR 9



Term 2 Exam
2016-2017

O
B
J
E
C
T
I
V
E
S



O B J E C T I V E S

CONTENTS

1) Arabic

2) Sharia

3) Hum Arabic

4) Home Economics

5) Art

6) P.E

7) English

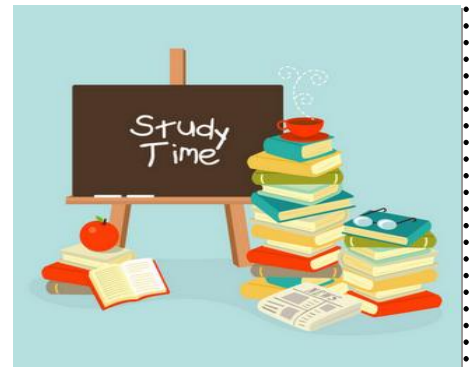
8) Hum English

9) Mathematics

10) Science

11) ICT

12) Robotics



Teacher's name : Amal Shalabi
Year group: 9

Subject: Arabic

No.	Term 2 objectives:
1	أن تكتب نصوص الكتابة كتابة سليمة مراعية السمات الأسلوبية والبنائية للنص.
2	أن تجيد استخراج كافة أنواع المشتقات من القطع والنصوص المختلفة.
3	أن تحدد أنواع النصوص الأدبية التي أخذتها وتذكر سماتها.
4	أن توظف قواعد الإملاء توظيفاً سليماً.

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	15+15=30
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

** النصوص السردية : (كتاب الفصل الأول)
المصدر – اسم الفاعل – اسم المفعول – صيغة المبالغة – أفعال التفضيل.

** النصوص الإقناعية: (كتاب الفصل الثاني)
أسلوب التعجب - أسلوب المدح والذم.

** النصوص النقاشية : (كتاب الفصل الثاني)
أسلوب الشرط.



أكاديمية الأرقام للبنات
AL-Arqam Academy For Girls

Teacher's name نسرين القضاة Subject: التربية الاسلامية Year group: التاسع

No.	Term 2 objectives:
1	أن تحلل مضمون الآيات المتعلقة بصفات المجاهدين وثوابهم عند الله، والمتعلقة بأحكام اللباس وفتنة الشيطان.
2	أن تتعرف حياة وصفات النبي صلى الله عليه وسلم وتقتدي به من خلال سيرته صلى الله عليه وسلم. أن تحدد مسؤوليتها تجاه المجتمع كما يوضحها الحديث الشريف.
3	أن تتعلم بعض الأحكام الشرعية المتعلقة بزكاة الفطر وأحكام الربا والبيوع وأحكام الزواج، وأحكام اللباس.
4	أن توضح وتشرح ما يتعلق بيوم القيامة من أحداث وتدلل عليها.

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 ، 20
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

كتاب الفصل الدراسي الأول

- 1-التجارة الرباحة ، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 2- زكاة الفطر ، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 3- أحكام الزواج. الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 4- خطبة حجة الوداع، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 5- وفاة النبي صلى الله عليه وسلم، الدرس كامل وما يتعلق به من كتاب الأنشطة.

كتاب الفصل الدراسي الثاني

- 1- التحذير من فتنة الشيطان، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 2- مسؤولية الفرد تجاه المجتمع، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 3- النفخ في الصور، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 4- البعث والنشور، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 5- أحكام الربا، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 6- أحكام الزواج، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 7- معالم شخصية النبي صلى الله عليه وسلم، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 8- نبي الله يونس عليه السلام، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 9- اللباس والزينة، الدرس كامل وما يتعلق به من كتاب الأنشطة.
- 10-

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

Teacher's name : نبيلة السيد لطفي

Subject: ا Year 9

No.	Term 2objectives:
1	1- أن تتعرف الطالبات على مظاهر النهضة السياسية والاقتصادية خلال عهد الشيخ حمد بن خليفة
2	2- أن تبرز الطالبات مظاهر النهضة الاجتماعية في عهد الشيخ حمد بن خليفة في صورها المتعددة
3	3- أن تتدرب الطالبات على قراءة خريطة قارة آسيا وترجمة ما بها من معلومات
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	2
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	10 -20
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

1- مظاهر النهضة السياسية والاقتصادية بقطر من ص 32 إلى ص 42

2- مظاهر النهضة الاجتماعية بقطر من ص 44 إلى ص 49

3- قارة آسيا طبيعيا وبشريا (تصوير خارجي)

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

Teacher's name : ---sara----- Subject: - إقتصاد منزلي ------Year group:9 --

No.	Term 2objectives:
1	أن تتعلم وتنفذ طريقة من طرق تجميل قطع الملابس والمفروشات بالأزرار وأشرطة الساتان وذلك بتنفيذ وسادة أو لوحة .
2	أن تتعرف على أنواع التطريز على الكانافاه.
3	أن تقوم باستخدام الكانافاه في عمل مشروع فني .

Teacher's name: Soha Eid Subject: Art & Design

Year group: 9

No.	Term 2 objectives:
1	Mandala Art
2	Painting landscape scene using acrylic colours
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)	Total (30) Assessment 1 (10) Assessment 2 (20)
No of assessments needs to be included in end of term 2 exam timetable	1
Duration of end of term exam/exams	90 minutes

Topics and units covered/ Studying material/Any other information

ASSESSMENT 1 (Mandala Art)

Using pencil, ruler, compass and black markers.

(10 marks)

ASSESSMENT 2 (Painting landscape scene using acrylic colours)

Using acrylic colours and canvas.

(20 marks)

Teacher's name: -Huda

Subject: P.E

Year group: 9

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

No of assessments during the term:	1.Handball
------------------------------------	-------------------

Topics and units covered/ Studying material/Any other information

Handball

- Passing - chest, bounce
- Dribbling - strong hand, alternate
- Conditioned Mini-games, - 3v3, 4v4
- Shooting - B.E.E.F
- Rules and concepts – defending set plays
- Mini-games - 3v3, 4v4

Teachers' names: **Ms Romina /Ms Zoya / Ms Rutendo**
Subject: **English** Year group: **9**

No.	Term 2 Exam Objectives:
1	To respond to unseen texts, showing understanding and the ability to work out the meaning of unfamiliar words/ analyse how effect is created.
2	To complete a narrative / descriptive piece of writing, based on a reading text, making effective use of detail and is technically accurate (spelling, grammar, punctuation, sentence structure and organisation).

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)	25 – Writing 25 – Speaking & Listening
No of exam papers to be included in the End of Term 2 exam timetable	1
Duration of End of Term exam	1 hour 30 minutes

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

Reading: These skills have been covered through close reading in class, including *Goodnight, Mister Tom* by Michelle Magorian.
All students have been registered on and encouraged to use www.readtheory.com to improve comprehension skills.

Writing: Students completed a variety of written tasks, focusing on correct use of grammar and punctuation. As part of the Checkpoint Exam, they will also write a piece of narrative writing as well as a piece of non-fiction writing.

Speaking: Students completed a paired discussion that focuses on cohesion of ideas in clear and fluent English, with as little mother-tongue interference as possible.

Exam Preparation:

As always, the best exam practice is to ensure that students are using English as much as possible in their daily lives- speaking, reading and writing.

For individual targets students can refer to their copybooks/ past assessments/ speak to their teacher.

Students have also been given practice exam tasks to complete.

Teachers' name: Ms Holly & Ms Phoebe Subject: Humanities English
Year group: 9

No.	Term 2 objectives:
1	Describe the obstacles that blacks faced after the Civil War in America.
2	Identify what lessons about individual/group rights and the role of activism can be taken from this period in American history.
3	What are transnational corporations and how are they linked to globalisation.
4	Illustrate how transnational corporations work and identify their relationship to MEDC's and LEDC's

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment	15 %
No of assessments in end of term 1 exam timetable	1= 50% of final grade
Duration of end of term exam/exams	1 hour 30 minutes

Topics and units covered/ Studying material/Any other information

Geography

- In what ways are fashion and geography linked in terms of world geography. What is globalisation and how are jeans an example of globalisation? (Text p. 70-75))
- What are transnational corporations (like Nike) and how are they an example of globalisation? (p. 76-77)
- Why do TNC's like to go global and how are some more powerful than some countries? (p. 78-79)
- What are the positive and negative aspects of globalization & TNC's. (Text pgs. 80-83)
- Decide what the positives and negatives of globalisation are. (p. 84-87)

History

- How blacks were treated in America in the 1930's, Jesse Owens' story (p.154-157)
- Issues for black's after the Civil War- Segregation, Jim Crow laws, KKK (Klu Klux Klan) (p.158-162)
- Martin Luther King & Malcolm X: Their significance & their differences (p. 163-169)
- What are boycotts and how did they impact life of whites and blacks in America during this time period.

Please use your class notes, worksheets, past assessments and textbooks for revision

Teachers' names: Ms Mallika, Ms Hager Subject: Mathematics Year group: 9

No.	Term 2 objectives:
1	Number: Fractions, decimals and percentages, ratio and proportion, calculations and mental strategies – factors, sequences
2	Algebra: Equations and inequalities, functions and graphs.
3	Geometry: Pythagoras theorem, trigonometry
4	Measure: Distance, speed and time
5	Data Handling: Stem-and-leaf diagrams, scatter graphs

Max. number of objectives is 5 objectives.

No of assessments during the term (excluding the end of term exam)	3
Total mark for each assessment (every assessment is out of what)	30
No of exam papers to be included in end of term 2 exam timetable	2
Duration of end of term exam/exams	2 hrs

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

Number:

Fractions, decimals and percentages:

Writing a fraction in its simplest form

Addition and subtraction of fractions

Multiplication of fractions

Division of fractions

HCF and LCM

Finance – discounts, profit and loss, simple interest and tax

Ratio and proportion:

Ratio

Direct proportion

Sequences

Sequences – nth term

Calculations and mental strategies:

Factors

Writing a fraction in its simplest form

Finding a fraction of a quantity



Addition and subtraction of fractions أكاديمية الأرقام للبنات AL- Arqam Academy For Girls

Dividing by a fraction

Percentages

Finding a percentage of a quantity

Compound measures and motion:

Measures of speed, distance and time

Travel graphs

Graphs in real-life contexts

Algebra:

Equations and inequalities

Equations

Constructing and solving equations

Simultaneous equations

Practical examples of using simultaneous equations

Expanding two linear expressions

Functions and graphs:

Drawing straight lines

The general equation of a straight line

Solve simultaneous linear equations by drawing a graph

Inverse functions

Geometry:

Pythagoras theorem:

Use Pythagoras theorem to calculate the unknown side

Trigonometry – (SOHCAHTOA)

Sine ratio

Cosine ratio

Tangent ratio

Data handling:

Mean, median and mode

Stem-and-leaf diagrams

Scatter graph

Teacher's name: - Ms Hasna & Ms. Christina Subject: -Science

Year group: 9

No.	Term 2 objectives:
1	Describe photosynthesis; use the word equation, the importance of water and mineral salts to plant growth. Understand sexual reproduction in flowering plants including pollination, fertilization, seed formation and dispersal.
2	Explain and model food chains, food webs and energy flow, the role of decomposers and explain the ways in which living things are adapted to their habitats. Describe factors affecting the size of populations and describe some effects of human influences on the environment.
3	Compare the structures of the atoms of the first twenty elements of the Periodic Table; describe trends in groups and periods, learn about the methods and discoveries of Rutherford. Explain how to prepare some common salts by the reactions of metals and metal carbonates, be able to write word equations for these reactions and describe the reactivity of metals with oxygen, water and dilute acids.
4	Explain the idea of endothermic processes and exothermic reactions and give an explanation of the effect of concentration, particle size, temperature and catalysts on the rate of a reaction
5	Identify important variables; choose which variables to change, control and measure. Discuss explanations for results using scientific knowledge and understanding. Identify trends and patterns in results (correlations). Make predictions using scientific knowledge and understanding. Present results as appropriate in tables and graphs. Interpret data from secondary sources

Max. number of objectives is 5 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)	Test 1a: 46 marks (Biology) Test 1b: 44 marks (Chemistry) Test 2: Checkpoint Mock Exam
No of assessments needs to be included in end of term 1 exam timetable	End of term assessment: 60 marks
Duration of end of term exam/exams	1:30 hour

Topics and units covered/ Studying material/Any other information

Please study from the textbook the following units:

Biology

- ❖ Unit 13 (13.1, 13.2, 13.3, 13.5 and 13.6)
- ❖ Unit 14 (14.1, 14.2)
- ❖ Unit 15 (15.1, 15.2, 15.3, 15.4, 15.5)
- ❖ Unit 16 (16.1, 16.3, 16.4)
- ❖ Unit 17 (17.1, 17.2, 17.5,17.7)
- ❖ Reproduction

Chemistry

- ❖ **Unit 8 (8.1, 8.3, 8.4, 8.9, 8.10)**
 - ❖ **Unit 9 (9.1, 9.2)**
 - ❖ **Unit 10 (10.1, 10.2, 10.3, 10.4, 10.5, 10.6,10.7)**
 - ❖ **Unit 11(11.1, 11.2)**
 - ❖ **Unit 12 (12.1, 12.2, 12.3, 12.4, 12.5)**
-
- **Study from the worksheets, homework sheets and the copybook for your end of term exam.**
 - **Practice labeling parts of a flower, drawing food chains, food webs and constructing food pyramids.**
 - **Please learn the symbols of the first 20 elements, order of reactivity series and to write word equations of all the chemical reactions.**
 - **Revise thoroughly how the various concepts learnt find applications in daily lives.**

Teacher's name: Esra Arafa

Subject: ICT

Year group: 9

No.	Term 2 objectives:
1	Studying the syntax of python programming.
2	Studying the fundamentals of excel and database.
3	Studying the effects of ICT on communication.

Max. Number of objectives is 3 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?)	15%
No of assessments needs to be included in end of term 2 exam timetable	1=50%
Duration of end of term exam/exams	1 hour

Topics and units covered/ Studying material/Any other information

- **Python**
 - Date and Time
 - Libraries and reserved modules
 - Conditional if-else statement
 - User input
 - PygLatin
 - Function
- **Excel**
 - Charts and Graphs
 - Formulas
 - Conditional formatting
 - Data entry + formatting
 - Sort and Filter
- **Databases**
 - Introduction to Database
 - Data entry and data types
 - Databases in systems
- **Communication**
 - Internet threats
 - Intellectual Property
 - The impact of ICT on society

Resources:

1. PowerPoint presentations
2. Worksheets
3. www.codeacademy.com



Teacher's name: Amany Marzok

Subject: بحث علمي و روبوت

Year: 9

No.	Term 2 objectives:
1	تحليل البيانات المجمعة من خلال أدوات البحث و كتابة النتائج.
2	كتابة التوصيات و مهارات العرض و التقديم لمعرض أبحاث المسابقات الداخلية.
3	برمجة حساس اللون مع الأشعة المنعكسة و تتبع حافة الخط المستقيم بحساس واحد وحساسين.
4	معايرة حساس اللون و تطبيقات عليه مع إستخدام وحدة التعامل مع البيانات (المتغيرات و وحدة الحساب مثال: تتبع الخط الأسود المتعرج)

أوراق عمل و تدريبات عملية للروبوت من مهارات في التركيب و البرمجة	15
تحقق خطوات البحث العلمي	15
مجموعة التفاعل طوال الفصل الدراسي	50

Topics and units covered/ Studying material/Any other information

المواضيع الداخلة باختبار نهاية الفصل

البحث العلمي:

- تحليل البيانات المجمعة من خلال أدوات البحث.
- كتابة النتائج.
- كتابة التوصيات.
- مهارات العرض و التقديم لمعرض أبحاث المسابقات الداخلية.

الروبوت :

- 1- برمجة حساس اللون مع الأشعة المنعكسة و تتبع حافة الخط المستقيم بحساس واحد وحساسين.
- 2- معايرة حساس اللون و تطبيقات عليه مع إستخدام وحدة التعامل مع البيانات (المتغيرات و وحدة الحساب في حالة معادلة الخط المستقيم مثال: تتبع الخط الأسود المتعرج بزوايا قائمة).

معادلة الخط المستقيم المستخدمة للتحكم في إتجاه الروبوت هي:

$$\text{Steering} = (a-b) * c$$

a:قيمة الأشعة المنعكسة المقاسة مع كل حركة

b:قيمة الأشعة المنعكسة من حافة الخط الأسود = 50

c:معامل الخطأ الذي يؤثر بشكل واضح على مدى إنسيابية حركة التتبع