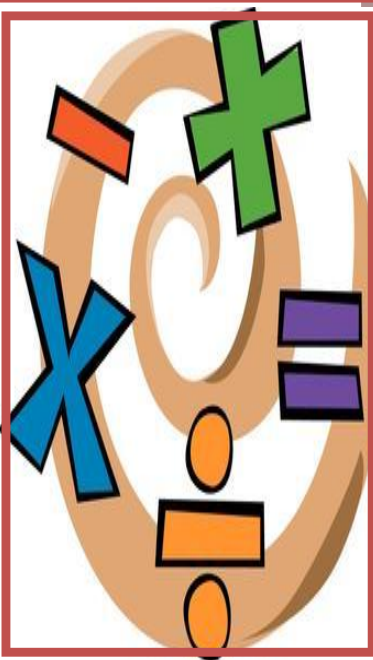
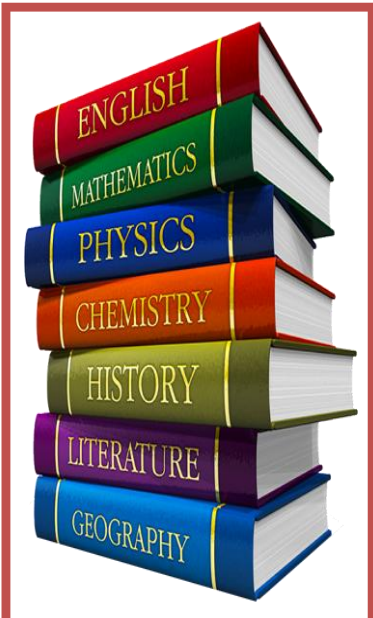
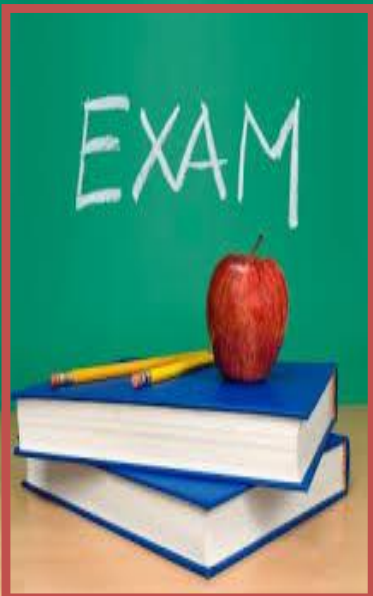


# YEAR 9



**Term 1 Exam**  
**2017-2018**

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# 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

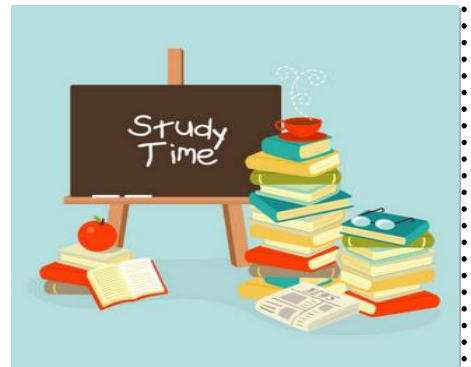
8) Hum English

9) Mathematics

10) Science

11) ICT

12) Robotics



Teacher's name : أمل شلبي Subject: اللغة العربية Year group: الصف التاسع

No.	Term 1 objectives:
1	أن تحدد أنواع النصوص الأدبية التي أخذتها وتذكر وسماتها .
2	أن تذكر العلاقات بين الكلمات من حيث الترادف والتضاد والمقابلة والسجع وغيره.
3	أن تطبق ما تم دراسته من دروس نحوية .
4	أن تكتب نصوص الكتابة كتابة سليمة مراعية السمات الأسلوبية والبنائية للنص.

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
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

##### أولاً: النصوص:

- 1- النصوص المعلوماتية .
- 2- النصوص التفسيرية .
- 3- النصوص الوصفية .

##### ثانياً: القواعد:

قواعد كتابة العدد - الاستثناء - النعت - البذل .

##### ثالثاً: الإملاء:

- الهمزة المنوسطة - الهمزة المتطرفة - الألف اللينة.

Teacher's name : AMNAH Alqudah  
Year:9

Subject:sharia

No.	Term 1 objectives:
1	أن تحفظ الطالبة الآيات الكريمة من سورة الطلاق وأن تطور الطالبة من أداءها أثناء تلاوة القرآن من سورة مريم.
2	أن تفسر الآيات المقررة للفصل الدراسي الأول تفسيراً صحيحاً من سورة الصف (1-14).
3	أن تحفظ وتبين الأحاديث الشريفة ذات العلاقة بتنمية حسن الخلق والبر لدى الفرد والمجتمع.
4	أن تتعرف الطالبة على مظاهر خلق الله تعالى لزيادة الإيمان وأن تتعرف على مفهوم الشرك وأنواعه وأضراره في الدنيا والآخرة وامثلة واقعية عليه لتجنبها.
5	أن تدرك الطالبة مفهوم الزكاة وأحكامها ومقاصدها ومنافعها على المجتمع والأموال التي تجب فيها الزكاة.
6	تتعرف معالم سيرة النبي صلى الله عليه وسلم والصحابة رضوان الله عليهم جميعاً من خلال دروس السيرة النبوية في غزوة تبوك وحنين وتستنتج العبرة والدروس المستفادة منها في واقع الطالبة العملية.

Max. number of objectives is 6 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	15
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 الفصل الدراسي الأول: التلاوة (سورة مريم 1- 35) الحفظ من سورة الطلاق
1- تفسير: المؤمنون كالبنين المرصوص
2- تفسير: التجارة الربحية.
3- فضل حسن الخلق
4- البر والإثم.
5- درس الشرك أنواعه ومظاهره .
6- مظاهر خلق الله تعالى.
7- أحكام الزكاة
8- الأموال التي تجب فيها الزكاة.
9- غزوة حنين .
10- غزوة تبوك.
11- الدعاء.
12- البر والإثم.

Teacher's name : نبيلة لطفي Subject: اجتماعيات عربي Year group: التاسع

No.	Term 1 objectives:
1	أن تتعرف الطالبات على أهم بنود معاهدتي 1916 و 1935م
2	أن تتبع الطالبات حكام دولة قطر وتبين إنجازات كل حاكم فترة حكمه
3	أن تحلل الطالبات خطاب الشيخ تميم عند توليه الحكم وتوضح أهم إنجازاته
4	أن تعرف الديمقراطية وتبين أشكالها وصورها بقطر

**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- الأطماع البريطانية بقطر ( معاهدة 1916م – معاهدة 1935م ) من ص 10 إلى ص 18

2- حكام دولة قطر حسب تسلسلهم من ص 20 إلى ص 30

3- الديمقراطية مبادئها – أشكالها – صورها بقطر ( ملزمة خارجية )

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

Teacher's name : سارة إبراهيم

Subject: الاقتصاد المنزلي

Year group: التاسع

No.	Term 1 objectives:
1	أن تنفذ أنواع عجائن مختلفة كعجينة العشر دقائق والعجينة البسيطة.
2	أن تنفذ أنواع مختلفة من الصلصات (الصلصة البني-الصلصة البيضاء-الصلصة الحمراء).
3	أن تنفذ أنواع من السلطات العصرية السريعة .

طريقة التقييم:

تقيم الطالبات على إحضار الأدوات بانتظام خلال الفصل الدراسي والمشاركة الصفية والنظافة طوال الفصل الدراسي.

**Teacher's name: Soha Eid Subject: Art & Design Year group: 9**

No.	Term 1 objectives:
1	<b>Knife Painting</b>
2	<b>National Day design(competition)</b>

**Max. Number of objectives is 5 objectives.**

No of assessments during the term (without including the end of term exam)	<b>Assessment 1 Assessment 2</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (30) Assessment 1 (20) Assessment 2 (10)</b>
No of assessments needs to be included in end of term 2 exam timetable	<b>1</b>
Duration of end of term exam/exams	<b>60 minutes</b>

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

#### Resources needed for assessment 1 & 2:

- 1. (Knife Painting)**  
Using Acrylic colours and canvas.
- 2. (National Day design(competition))**  
Using pencil and acrylic colours colours.

**Teacher's name: Hoda Saied    Subject: P.E    Year group: Year 9**

No.	Term 1 objectives:
1	To demonstrate passing, dribbling and shooting skills in basketball.
2	To participate in small games
3	To demonstrate defensive set plays
4	To Practice using her hands in a correct way while running.
5	To practice the coordination between hand and leg movement while running.

**Max. Number of objectives : ...5.....**

No of assessments during the term (excluding the end of term exam)	<b>Assessment 1 Fitness</b> <b>Assessment 2 Basketball</b>
Total mark for each assessment (every assessment is out of what)	<b>Total ( 30)</b> <b>Assessment 1 ( 15 )</b> <b>Assessment 2 ( 15 )</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>0</b>
Duration of end of term exam/exams	<b>.....0.. minutes</b>

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

**Basketball**

- 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: Saada/Zoya**

**Subject: English**

**Year group: 9**

No.	Term 1 objectives:
1	To respond to an unseen text, showing understanding and the ability to work out the meaning of unfamiliar words/ analyse how effect is created.
2	To write a piece of writing that makes effective use of detail and is technically accurate (spelling, grammar, punctuation, sentence structure and organisation).
No of assessments during the term (excluding the end of term exam)	<b>Assessment 1: Speaking</b> <b>Assessment 2: Writing</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (50)</b> <b>Assessment 1 (25)</b> <b>Assessment 2 (25)</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>1</b>
Duration of end of term exam/exams	<b>90 minutes</b>

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

#### Topics:

**Reading:** Students have read a variety of biographies and autobiographies with an emphasis on inferring meaning and analysing effects of language.

**Writing:** Students have completed several pieces of writing focusing on technical accuracy (spelling, grammar, punctuation, sentence structure and organization of ideas).

**Speaking:** Students have completed a speaking presentation that focuses on cohesion of ideas and developing clear spoken English.

#### 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 will also be given practice exam tasks to complete.



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Teacher's name: Ms Holly& Ms. Mareem

Subject: Humanities English

Year group: 9

No.	Term 1 objectives:
1	Describe and explain development of an LIC country
2	Explain how the British Empire affected people
3	Explain Ghandi's role in Britain and India

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment	15% each, total of 30%
No of assessments in end of term 1 exam timetable	1= 50%
Duration of end of term exam/exams	1.5 hours

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

#### Geography

- Define development.
- What is development (in a country)?
- How and why does it change over time? How can development change the natural environment? Economy? People? (p. 6-11)
- Inequality in development: Different countries and different people within the same country can be at different stages of development.
- Development in Ghana. Map of Ghana (Where is it? What is the land like? What natural resources are there? Examine statistics on Ghana's population (p.12-19)
- Looking at how development is spread across the world. What is GDP? How do LIC's compare to HIC's? (p. 20-21) How did colonisation influence development in LIC's? (Historical, environmental, socio-economic) (p.22-23)
- Why is Ghana an LEDC? (p24-25) In what ways can Ghana hope to improve its situation? (p30-31)
- The problem with 3<sup>rd</sup> world (developing world) debt. How does world banking and its practices affect developing countries? (p.26-27)

#### History

- What is an empire? Why was/is the British Empire an important thing to still study today? (p. 12-15)
- Develop and present your argument about Duleep Singh. How should his history with the British Empire be told? (p. 16-24)



- Looking at smaller case studies of how the British Empire affected other people/groups. Use these additional resources to debate whether British rule benefited India. Cite specific examples to support your arguments. (p25-29)
- Why is the British Empire so controversial? What areas of the world did it impact? How has the British Empire's influence changed over time into modern times? (p. 30-32)
- Gandhi and the British in India. Research important facts about the campaign in part led by Gandhi. Use these facts to Formulate a 3 part argument. Address the very well known facts of the argument, then the lesser thought about or known facts, then make & present your own judgement.
- What was Gandhi's role in the British leaving India? Were his actions the main reason they left? Were other factors important? (p.32-41)

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



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Teacher's name: Ms.Mallika Raja, Ms Najma, Ms. Hagar      Subject: Mathematics  
Year group: 9

No.	Term 1 objectives:
1	<b>Number:</b> Directed numbers, Squares and square roots, cubes and cube roots, Integers powers and roots
2	<b>Algebra:</b> Expressions and formulae – Index notation, constructing expressions, Expanding brackets, factorizing, changing the subject of formula, substitution, adding and subtracting algebraic fractions, solving equations, simultaneous equations, inequalities.
3	<b>Geometry:</b> Interior and exterior angles of polygons, geometric constructions, Isometric Drawing and tessellation.
4	<b>Measure:</b> Length, mass and capacity, Speed, distance and time, Travel graphs

**Max. number of objectives is 4 objectives.**

No of assessments during the term (without including the end of term exam)	3
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	1
Duration of end of term exam/exams	1 hour 45 minutes

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

### **Number:**

- **Integers, Powers and roots**
- Directed numbers
- Square and square roots
- Cubes and cube roots
- Index notation for positive integer powers
- Index laws for multiplication and division to simplify algebraic expressions

### **Algebra:**

- **Expressions and formulae**
- Index notation and algebra
- Expansion and factorization
- Factorization by grouping
- Substitution



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- Changing the subject of a formula
- Substitution
- Adding and subtracting algebraic fractions

- **Equations and inequalities**

- Equations
- Constructing and solving equations
- Simultaneous equations
- Inequalities
- Showing inequalities on number line
- Combined inequalities

## **Geometry:**

- Shapes and geometric reasoning
- Polygons
- Interior and exterior angles
- Geometric constructions
- Constructing
  - Perpendicular from a point
  - Perpendicular from a point on a line
  - Perpendicular bisector of a line segment
  - Angle bisector
  - Triangle (all types)
  - Square inscribed in a circle
  - Regular hexagon
  - Triangle in a circle
- Isometric Drawings
- Tessellation

## **Measure:**

- Length, mass and capacity
- Speed, Distance and Time
- Travel Graphs

Teacher's name: - Ms Christina & Ms. Rihab

Subject: -Science

Year group: 9

A/B/C/D

No.	Term 1 objectives:
1	Recognise pressure as caused by the action of force on an area; effect of pressure in different situations; describe the pressure in solids, liquids and gases; calculating pressure in solids and in liquids including hydraulic calculations. Differentiate the densities of solids, liquids and gases. Calculate the densities of regular and irregular shaped objects. To analyse the turning of objects on a pivot and calculate moments. Show an understanding of the principle of moments and its applications in various situations. Be able to re-arrange formula triangles for these topics and give the correct units.
2	Describe photosynthesis; use the word equation, the importance of water and mineral salts to plant growth. Label the parts of a flower and relate each part to its function. Understand sexual reproduction in flowering plants including pollination, fertilisation, seed formation and dispersal. Explain how animals and plants are adapted to their environments and why they need to do this. Recognise that extreme environments need more highly adapted animals and plants.
3	Describe the structure of the atom and the charges on its sub-atomic particles. Draw and compare the structures of the atoms of the first twenty elements of the Periodic Table; describe trends in groups and periods. Identify the number of protons, electrons and neutrons in a given element, using the periodic table. Discuss the development of the atomic model, including J.J. Thompson's chocolate chip cookie model and the methods and discoveries of Rutherford. Explain the idea of endothermic processes and exothermic reactions, identifying them by their temperature change.
4	Analyse electrostatics and the concept of charges; differentiate series and parallel circuits, how common types of components affect current and predict current and voltage in different circuits.
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

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)	Assessment 1: 39 marks (Physics and Biology) Assessment 2: 41 marks (Biology, Chemistry and Physics)
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:

### Physics

- Unit 8 (8.1, 8.2, 8.3, 8.4, 8.5, 8.8, 8.9, 8.11 and 8.12)
- Unit 9 (9.1, 9.4, 9.5, 9.6, 9.8, 9.9 and 9.10)

### Biology

- Unit 13 (13.1, 13.2, 13.3, 13.5 and 13.6)
- Unit 14 (14.1, 14.2)

### Chemistry

- Unit 8 (8.1, 8.3, 8.4, 8.9, 8.10)
- Unit 9 (9.1, 9.2)

### Other Information:

- ★ For the exam, you will require the following pieces of equipment: **2 pens (black or blue), 2 pencils, a sharpener, a rubber, a ruler and a calculator.**
- ★ Study from the worksheets, homework sheets and the copybook for your end of term exam.
- ★ Practice labelling parts of a flower and parts of the atom.
- ★ Practice rearranging formula triangles and giving the correct units for Physics Calculations.
- ★ Use your checkpoint exam booklet to practise answering past paper questions.
- ★ Please learn the symbols of the first 20 elements of the periodic table.
- ★ Practice drawing and interpreting graphs- labelling the axis, selecting suitable scale, plotting , drawing a line of best fit and identifying anomalous results
- ★ Revise thoroughly the various concepts learnt and find their applications in daily life.

Teacher's name: **AAKIFAH RAHMAN**      Subject: **ICT**      Year group: **9**

No.	Term 1 objectives:
1	Be able to write code to do basic programming in Python using numbers and strings and manipulate them using mathematical functions and string functions
2	Be able to recognize the common reserved words and datatypes in Python
3	Be able to write Python code and find the output of codes that use Conditional if-else statements
4	Be able to debug a given Python code to find the errors in it and suggest the correct code

**Max. Number of objectives: 4**

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 (15%)</b> <b>Assessment 2 (15%)</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>1 (50%)</b>
Duration of end of term exam/exams	<b>60 minutes</b>

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

The list of topics for Term 1 End Exam are as follows :

- **Reserved words**
- **Numbers**
- **Mathematical Functions**
- **Data types**
- **Variables**
- **Conditional if-else statement**
- **Nesting**
- **Debugging Errors**
- **Strings**
- **String Functions**

All the class slides are uploaded on Edmodo in the 'Folders' tab of the Year 9 ICT group for the students to study from. The Exam will consist of both theory and practical questions.



Teacher's name : Amany Marzok Subject: بحث علمي و روبوت Year : 9

No.	Term Iobjectives:
1	خطوات البحث العلمي (العنوان – المقدمة – الاهداف - الأهمية – المشكلة – السؤال ).
2	تابع خطوات البحث العلمي ( الإطار النظري – الفرضيات – أدوات جمع البيانات – توثيق المراجع ).
3	برمجة حساس الأشعة تحت حمراء لتحديد مكان الكرة الإلكترونية.
4	برمجة حساس البوصلة لتحديد الإتجاهات الأربعة.

أوراق عمل و تدريبات عملية للروبوت من مهارات في التركيب و البرمجة	15%
تحقق خطوات البحث العلمي	15%
الاختبار الختامي بالبحث و الروبوت نهاية الفصل الدراسي .	50%

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

المواضيع الداخلة باختبار نهاية الفصل

#### البحث العلمي :

- عنوان و سؤال البحث.
- مشكلة البحث و أهميته.
- أهداف البحث و الخلفية النظرية.
- فرضيات البحث و أدوات جمع البيانات.

#### الروبوت :

- 1- اكتساب مهارات التركيب من خلال تركيب نماذج مختلفة.
- 2- برمجة حساس البوصلة لتحديد الإتجاهات الأربعة.
- 3- برمجة حساس الأشعة تحت حمراء لتحديد مكان الكرة الإلكترونية.



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