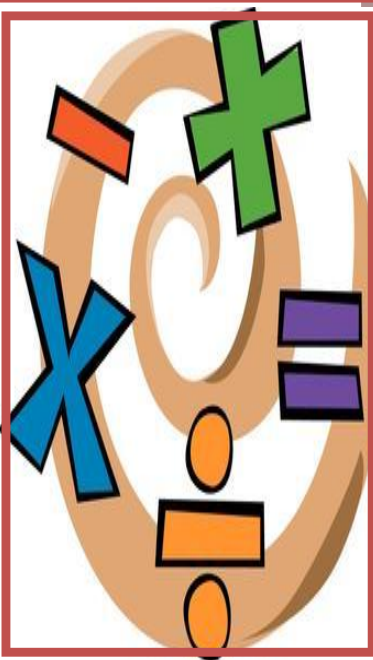
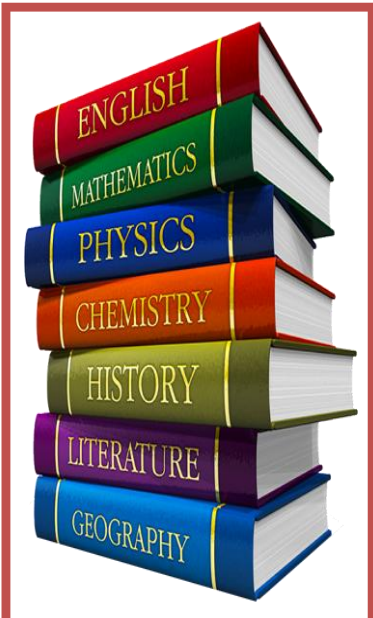
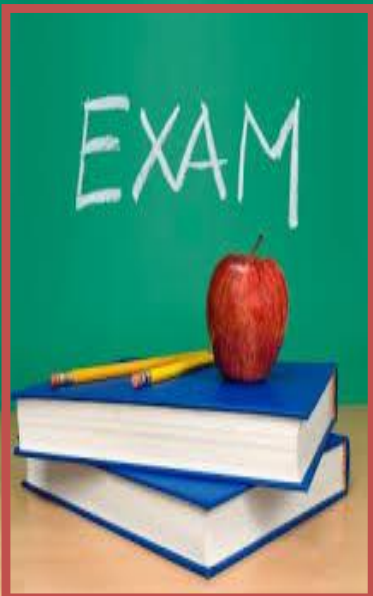


# YEAR 8



**Term 2 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

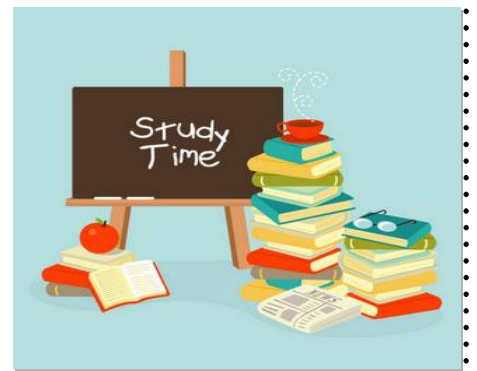
8) Hum English

9) Mathematics

10) Science

11) ICT

12) Robotics



Teacher's name: إسرائ زين

Subject:

اللغة العربية

Year group: الثامن

No.	Term 2 objectives:
1	أن تتعرف سمات النصوص السردية والنقاشية والإقناعية .
2	أن تكتب نصًا سرديًا أو نقاشيًا و إقناعيًا بشكل سليم.
3	أن تميز بين الأسماء المنصوبة وفق سياقاتها المختلفة.
4	أن تحسن كتابة الألف الفارقة وفق ورودها في السياق الإملائي .

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

• من الكتاب الأول:

\*النصوص السردية  
\*( المفعول المطلق- الحال ) .

• من الكتاب الثاني:

\*النصوص الإقناعية :  
\*(الأفعال الخمسة \_ المفعول لأجله ) .

\*النصوص النقاشية:  
\*(المتنى وجمع المذكر والمؤنث السالم – الأفعال الجامدة والمشتقة – الأعداد المركبة من 11-19) .  
خبرات سابقة .

Teacher's name : walaa ibrahim

Subject:sharia

Year group: 8

No.	Term 2 objectives:
1	أن تسمع الطالبة سورة الملك تسميها صحيحاً
2	أن تبين الطالبة آداب الاستئذان وأسباب إجابة الدعاء
3	أن تتعرف الطالبة إلى المواضيع الفقهية التالية: ( أحكام الجنائز – صلاة التطوع – صلاة الاستسقاء )
4	أن تفهم الآداب والأخلاق الإسلامية في درس غض البصر
5	أن تتعرف على أهم معالم شخصية الصحابي مصعب بن عمير

**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	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

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

الاختبار الشفهي : تسميع سورة الملك / تلاوة آيات من سورة الكهف (45-78) تلاوة صحيحة مطبقة أحكام الرأء واللام من حيث التفخيم والترقيق

الاختبار التحريري :

1-أخلاق يبغضها الله( تفسير)

2-آداب الاستئذان( حديث)

3-أسباب إجابة الدعاء( حديث)

4-القرآن الكريم

5-صلاة التطوع

6-صلاة الاستسقاء

7-قصة أصحاب الكهف

8-غض البصر

9-أحكام الجنائز

10-مصعب بن عمير

11- غزوة مؤتة

**الدروس المطالبة بحفظ الأدلة الشرعية منها هي :**

القرآن الكريم /أحكام الجنائز / صلاة الاستسقاء

Teacher's name : هاجر أحمد

Subject: علوم اجتماعية

Year group:8

No.	Term 2 objectives:
1	أن تتعرف الطالبات على أوضاع منطقة الخليج العربي في القرنين الثامن عشر والتاسع عشر
2	أن تتابع الطالبة مراحل تطور قطر في عهد الدولة العثمانية
3	أن تذكر العوامل التي ساعدت على انتشار الإسلام في العالم
4	أن تحدد دور الدعاة والتجار والمراكز الحضارية في نشر الإسلام في دول أوروبا والعالم الجديد

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	+1 مشروع
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

(الوحدة الثانية ) ( قطر والدولة العثمانية )

\_الدرس الأول: (أوضاع منطقة الخليج العربي في القرنين الثامن عشر والتاسع عشر من صفحة (30 إلى 33)  
\_الدرس الثاني: ( قطر في عهد الدولة العثمانية من صفحة 35 إلى 41)

(الوحدة الرابعة ) (تاريخ ظهور وانتشار الإسلام في العالم ) (ملزمة الدروس المضافة)

\_ (الدرس الأول): (العوامل التي ساعدت على انتشار الإسلام في العالم من صفحة (1 إلى 3)  
\_ (الدرس الثاني): (دور الدعاة والتجار في نشر الإسلام من صفحة (4 إلى 8)

Teacher's name : سارة إبراهيم

Subject: الاقتصاد المنزلي

Year group: الثامن

No.	Term 2 objectives:
1	أن تقوم بعمل مشروع لإعادة التدوير للأقمشة باستخدام طريقة الترقيع أو إعادة تدوير الملابس.
2	أن تتعرف خطوات اتخاذ القرار السليم وأن تتعرف إلى طرق الأمن والسلامة بالمنزل وخارجه.
3	أن تتعرف الموارد الأسرية وطريقة إدراتها وذلك من خلال دراسة كيفية إعداد ميزانية صحيحة.

طريقة التقييم:

تقيم الطالبات على إحضار الأدوات بانتظام خلال الفصل الدراسي والمشاركة الصفية وعلى المشروعين المكلفة بهما الطالبات (مشروع إعادة التدوير وبوستر عن طرق الأمن والسلامة).

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

Year group: 8

No.	Term 2 objectives:
1	Mandala Art
2	Poster about safety & security in the school (school display boards)
3	Types of shading techniques

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

No of assessments during the term (without including the end of term exam)	<b>Assessment 1</b> <b>Assessment 2</b> <b>Assessment 3</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (30)</b> <b>Assessment 1 (10)</b> <b>Assessment 2 (10)</b> <b>Assessment 3 (10)</b>
No of assessments needs to be included in end of term 2 exam timetable	<b>2</b>
Duration of end of term exam/exams	<b>120 minutes</b>

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

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

1. (Mandala Art)  
Using pencil, black marker and sketch book.
  
2. (Poster about safety & security in the school)  
Using pencil, A2 coloured papers and required materials regarding the design.
  
3. (Types of shading techniques)  
Using pencil, worksheets (teacher provided).

**Teacher's name: Hoda saied    Subject: ...P.E                    Year group: 8**

No.	Term 2 objectives:
1	To demonstrate passing, dribbling and shooting skills in hand ball.
2	To participate in small games
3	To identify the main rules of the game

**Max. Number of objectives: 3**

No of assessments during the term (excluding the end of term exam)	<b>Assessment 1 Handball</b> <b>Assessment 2 Handball</b>
Total mark for each assessment (every assessment is out of what)	<b>Total (100 )</b> <b>Assessment 1 ( 15)</b> <b>Assessment 2 ( 15 )</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>..... minutes</b>



**Teachers' names: Mrs Zoya/Ms Saada/Ms Hend      Subject: English    Year**  
**group: 8**

No.	Term 2 objectives:
1	To demonstrate comprehension skills based on a non-fiction text.
2	To complete a non-fiction 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 (without including the end of term exam)	2
Total mark for each assessment (every assessment is out of what)	25 – Writing 25 – Speaking and Listening
No of exam papers to be included in end of term 2 exam timetable	1
Duration of end of term exam	1 hour and 30 minutes

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

**Reading:** Students will read examples of non-fiction texts with an emphasis on analyzing the effect of language. Students should understand what GAP (genre, audience, purpose) is and use it to aid their analysis of non-fiction texts.

**Writing:** Students will complete several pieces of writing this term. One of the aims will be to build technical accuracy (spelling, grammar, punctuation, sentence structure and organization of ideas/paragraphs). Students should learn the acronym AFOREST which are a series of persuasive techniques and should start these techniques effectively in their own work.

**Speaking:** Students will complete a speaking and listening task. This will be a presentation (a paired discussion) 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.

Students should complete Readtheory comprehensions regularly (in addition to the comprehension set as homework).

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 in class.

Teacher's name: Ms Holly Subject: Humanities English Year group: 8

No.	Term 2 objectives:
1	Examine different climate zones and how they affect our lives.
2	Analyse the causes and effects of climate change
3	Analyse Elizabeth I's problems in England
4	Compare and contrast the causes and consequences of the English Civil War.

No of assessments during the term (without including the end of term exam)	2
Total mark for each assessment	30 % total- 15% each assessment
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

- Explain the difference between weather and climate. (p. 82-83)
- What kinds of factors influence climate? (p. 84-85)
- Describe the differing climate zones found throughout the world and what some examples of them are. (p. 86-87)
- What is global warming (climate change) and what is causing it? (p. 88-93)
- What kinds of changes can the world expect? How might it affect Qatar? (p. 94-99)
- What can be done to slow down the process of climate change? (p. 100-101)

##### History

- Analyse the problems of Queen Elizabeth I (p. 160-161)
- What was the Spanish Armada? Formulate the main reasons why it tried to attack England (p.114-121)
- Compare and contrast the causes and consequences of the English Civil War (p. 140-149)
- Decide why King Charles I was put on trial and how it related to the power of Parliament (p162-163)

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

Teacher's name: Ms. Najma & Ms. Fareena  
group: 8

Subject: Math

Year

No.	Term 2 objectives:
1	Add, subtract, multiply and divide fractions and decimals, ordering fractions and decimals, Find fractions and percentages of a quantity, Calculate percentage increase and decrease.
2	Transform 2D shapes, Find missing angles using angle properties, Find area of 2D shapes.
3	Identify term to term rule & nth term from a sequence and pattern, Find equation of line and the midpoint of a line segment, drawing straight line graphs and find the value of expression/formulae by substitution.

Max. Number of objectives:

No of assessments during the term (excluding the end of term exam)	Assessment 1 Assessment 2
Total mark for each assessment (every assessment is out of what)	Assessment 1 ( 35 ) Assessment 2 ( 35 )
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	1 hour 30 minutes

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

##### Numbers:

- Adding and subtracting decimals (page: 118-120)
- Fractions and decimals (page: 129-130)
- Ordering fractions (page: 131-132)
- Adding and subtracting fraction (page: 135-136)
- Multiplying and dividing fraction (page: 137)
- Fraction of a quantity (page: 134)
- Percentages, Increase and decrease. (page: 138-142)

##### Algebra:

- Sequences and nth term (page: 143-150)
- Substitution (Page :218-223)
- Equation of line and straight line graphs (page: 151-153)

##### Geometry and measure:

- Midpoint of a line segment(page: 103-104)
- Transformations (page: 105-109)
- Angle properties (page: 154-156)
- Angles in a triangle and quadrilateral (page: 157-160)
- Area of 2D shapes (page: 161-171)



أكاديمية الأرقام للبنات  
AL-Arqam Academy For Girls

Refer notebook, math booklet, text book and worksheets.

Practice and Revision worksheets will be given.

Use the website <https://corbettmaths.com/> to print & practice worksheet with answers.

GOOD LUCK!

**Subject: Science**

**Year group: 8 A/B/C/D**

No.	Term 2 objectives:
1	Recognize each part of the alimentary canal and explain its role in digestion. Label the organs of the digestive system including the liver and pancreas. Compare and contrast mechanical and chemical breakdown .Understand the function of enzymes and the role of carbohydrases, lipases and proteases
2	Use a diagram to explain the double circulation system and label the various parts. List the components of blood and describe the function of each component. Compare and contrast the structures of artery vein and capillaries and relate their structure to their function. Understand how the circulatory system responds to exercise and identify trends and patterns in results. Understand the relationship between diet and fitness. Causes of heart attack- list the risk factors to be avoided and steps to be taken to improve fitness.
3	Define and distinguish between atoms, elements, compounds and mixtures and their properties. Analyze the periodic table to ascertain the location and differences in the properties of metals and non -metals. Interpret data from secondary sources. Learn the chemical symbols of the first 20 elements and name some common compounds including oxides, hydroxides, sulphates and carbonates. Describe how to separate mixtures by decanting, filtering, evaporation , distillation and chromatography.
4	Use light travelling in a straight line to explain the formation of shadows and other phenomena using the term opaque. Differentiate between the meanings of the terms translucent, transparent and opaque. Explain how objects are seen with emphasis on the reflection of light and the related diagrams. Compare the speed of light and sound. Describe reflection at a plane and rough surface. Use the law of reflection to draw ray diagrams and refraction at the boundary between air and glass or air and water. Explain the dispersion of white light and colors of a spectrum. Understand how filters work- color addition and subtraction, the absorption and reflection of colored light.
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 (excluding the end of term exam)	<b>2</b>
Total mark for each assessment (every assessment is out of what)	<b>Assessment 1- 41 Assessment 2 - 40</b>
No of assessments needs to be included in end of term 1 exam timetable	<b>1 (Total- 60 Marks)</b>
Duration of end of term exam/exams	<b>1 hour 30 minutes</b>



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

Please study from the textbook the following units:

### Biology

- Unit 8 (8.1, 8.2)
- Unit 9 (9.1, 9.3,9.4,9.5)

### Chemistry

- Unit 6 (6.1, 6.2 ,6.5, 6.6,6.7,6.9,6.10,6.11,6.12,6.13,6.14,6.16 )

### Physics

- Unit 6 (6.1,6.2, 6.4, 6.5,6.6,6.7,6.8,6.9,6.10)

- **For the exam, you will require the following pieces of equipment: 2 pens (black or blue), 2 pencils, a sharpener, a rubber, a ruler, a protractor, and a calculator**
- Study from the worksheets, homework sheets and the copybook for your end of term exam.
- Practice drawing ray diagrams related to the Unit “Light”.
- Practice drawing and interpreting graphs- labelling the axis, selecting suitable scale, plotting, drawing a line of best fit and identifying anomalous results
- Revise thoroughly how the various concepts learnt and find their applications in daily lives.

Teacher's name: Salwa Rostom

Subject: ICT

Year group: 8

No.	Term 2 objectives:
1	Identifying multiplayer game: Dummy objects and usage of the dummy objects. Recognizing the output of each statement in multiplayer game: Select player method, Collect method and my world first method.
2	Differentiate between mobile website view and Mobile App view and discuss the Advantages of them.
3	Identifying the intellectual property and differentiate between Patent, Trademark and design .
4	Determine the Impact of ICT in Society in many aspects.
5	Identify Internet threats: Viruses, Worms and Trojan.

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 ( )</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>1 hour</b>

Topics and units covered/ Studying material/Any other information
<p><b>Animation Programming with Alice:</b></p> <ul style="list-style-type: none"> <li>○ <b>Multiplayer game</b></li> <li>○ <b>Dummy objects.</b></li> <li>○ <b>Events.</b></li> <li>○ <b>Control structures.</b></li> </ul> <p><b>Communication and Digital Creativity:</b></p> <ul style="list-style-type: none"> <li>○ <b>Mobile website vs Mobile App advantages and disadvantages.</b></li> <li>○ <b>Intellectual Property.</b></li> <li>○ <b>Impact of ICT in society.</b></li> </ul> <p><b>Introduction to internet security:</b></p> <ul style="list-style-type: none"> <li>- <b>Internet Threats.</b></li> <li>- <b>Trojan</b></li> <li>- <b>Viruses</b></li> <li>- <b>Worms</b></li> </ul>

Teacher's name : Amany Marzok      Subject: بحث علمي و روبوت      Year : 8

No.	Term 2 objectives:
1	تحليل البيانات التي تم تجميعها بالأدوات البحثية بمشروع البحث العلمي و كتابة النتائج التي ترتبت عليها.
2	كتابة التوصيات و توثيق المراجع التي تم الاستعانة بها في تنفيذ البحث.
3	برمجة حساس الألوان للقيام بمهام مختلفة (عد الخطوط السوداء – تتبع الخط المستقيم ) باستخدام المتغيرات و وحدة الحساب.
4	برمجة حساس اللمس و وحدة العرض للقيام بمهام مختلفة (المسبة – ساعة الإيقاف) باستخدام المتغيرات.

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

المواضيع الداخلة باختبار نهاية الفصل

#### البحث العلمي ::

- تحليل البيانات التي تم تجميعها بالأدوات البحثية بمشروع البحث العلمي.
  - كتابة النتائج و التوصيات.
  - تجميع المراجع وروابط المواقع المستخدمة .
- علما بأن آخر موعد لاستقبال هذه الخطوات 28 فبراير 2018 و لا يتم استلامه بعد هذا التاريخ.

#### الروبوت :

- 1- برمجة حساسات الألوان و اللمس و المسافة للقيام بمهام متنوعة.
- 2- البرمجة باستخدام وحدات البرمجة المتقدمة (المتغيرات – وحدة الحساب).