

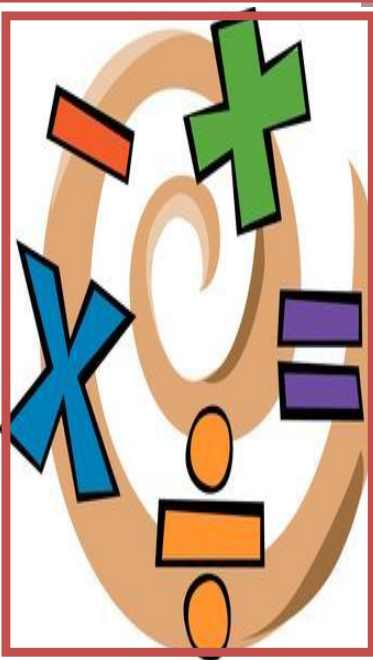
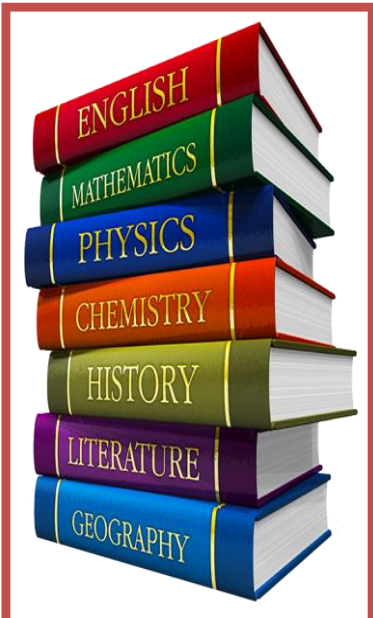
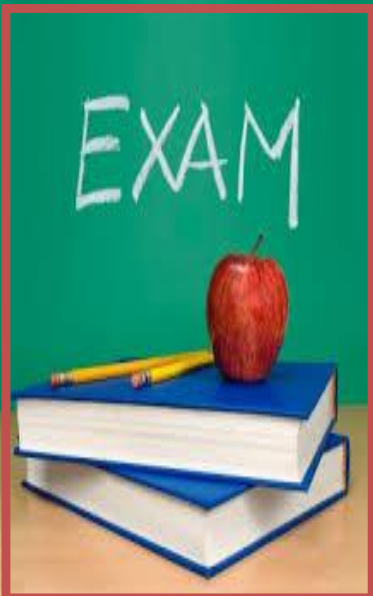
YEAR 8



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

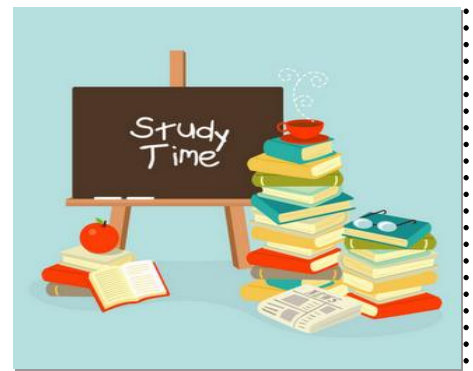
8) Hum English

9) Mathematics

10) Science

11) ICT

12) Robotics



Teacher's name: إسماء زين

Subject: اللغة العربية

Year group: الثامن

No.	Term 2 objectives:
1	أن تتعرف سمات النصوص السردية والنقائشية والإقناعية .
2	أن تكتب نصا سرديا أو نقائشيا أو إقناعيا 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 النقائشية:

* (المثنى وجمع المذكر والمؤنث السالم – الأفعال الجامدة والمشتقة – الأعداد المركبة من 11-19).

Teacher's name : walaa ibrahim

Subject:sharia

Year group: 8

No.	Term 2objectives:
1	أن تسمع الطالبة سورة الملك تسميهاً صحيحاً
2	أن تبين الطالبة آداب الاستئذان وأسباب إجابة الدعاء
3	أن تتعرف الطالبة على المواضيع الفقهية التالية: (أحكام الجنائز – صلاة التطوع – صلاة الاستسقاء)
4	أن تفهم الآداب والأخلاق الإسلامية التالية: (الإخلاص و غُض 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 والام 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-غُض البصر
- 9-أحكام الجنائز
- 10-مصعب بن عمير
- 11-الإخلاص

الدروس المطالبة بحفظ الأدلة الشرعية منها هي :
القرآن الكريم / أحكام الجنائز / صلاة الاستسقاء

Year 8 Subject Hum Arabic Teacher: Nuha

No.	Term 2 objectives:	
1	أن ترتب الأحداث والشخصيات والتغيرات في تسلسلها الزمني الصحيح	
2	أن تفهم بعض المصطلحات التاريخية وتفسرها	
3	أن تحدد نتائج والتغيرات الخاصة بتلك الحقبة المدروسة	
4	أن تتعرف على النظام السياسي في الدولة الإسلامية عبر العصور المختلفة	
	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- أوضاع منطقة الخليج العربي في القرنين الثامن عشر والتاسع عشر من ص 30 الى ص 33 الكتاب المدرسي) 2- قطر في عهد الدولة العثمانية من ص 35 الى ص 41 الكتاب المدرسي) النظام السياسي في الدولة الإسلامية صفحة 12 الى (23 النظام القضائي) القضاء و الحسبة (في الدولة الإسلامية) القضاء من صفحة 34 الى (37 و الحسبة من صفحة 41) الى (43)
Please use your class practical experience and knowledge for the topics covered.



أكاديمية الأرقام للبنات
Al-Arqaam Academy For Girls

Term 2 Subject details

Teacher's name : ---sara----- Subject: - إقتصاد منزلي -----Year group:8 --

No.	Term 2 objectives:
1	أن تتعلم فن الترفيع واستخداماته المختلفة.
2	أن تتعرف طريقة عمل الإصلاحات البسيطة للملابس وتطبق بعضها .
3	أن تقوم بتنفيذ مشروع خاص بها بطريقة الترفيع .

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

Year group: 8

No.	Term 2 objectives:
1	Optical art
2	Painting fruits using acrylic colours

Max. Number of objectives is 5 objectives.

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 (Optical art)

Using pencil, black marker on A3 paper.

(10 marks)

ASSESSMENT 2 (Painting fruits using acrylic colours)

Using pencil, acrylic colours.

(20 marks)



أكاديمية الأرقام للبنات
AL- Arqaam Academy For Girls

Teacher's name: -Huda

Subject: P.E

Year group: 8

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

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

Topics and units covered/ Studying material/Any other information
<p>Handball</p> <ul style="list-style-type: none">• Passing - chest, bounce• Dribbling - strong hand, alternate• Conditioned Mini-games, - 3v3, 4v4• Shooting - B.E.E.F• Rules and concepts – attacking set plays• Mini-games - 3v3, 4v4

Teachers' names: Mrs Zoya/Ms Fatimah Subject: English Year group: 8

No.	Term2 objectives:
1	To demonstrate comprehension skills based on a non-fiction text, including knowledge of vocabulary.
2	To complete a non-fiction piece of writing that makes effective use of detail, uses the techniques of persuasive writing as taught during the term, 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 have read many examples of non-fiction texts with an emphasis on analyzing effects of language. Students used GAP (genre, audience, purpose) to aid reading non-fiction texts as well as AFOREST to understand how writers create a persuasive text.

Writing: Students have completed several pieces of writing focusing on technical accuracy (spelling, grammar, punctuation, sentence structure and organization of ideas/paragraphs). Students are familiar with persuasive techniques (AFOREST) and have practiced using these in their own work.

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.

Students should complete Readtheory quizzes regularly (in addition to the quiz set as homework), and should revise and learn AFOREST.

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.

Teachers' name: Ms Holly & Ms Phoebe Subject: Humanities English
Year group: 8

No.	Term 2 objectives:
1	Examine different climates and how they affect our lives.
2	Analyse the causes and effects of climate change
3	Analyse Elizabeth I's problems in England and with Spain in 1588.
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	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

- 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

- Analyze 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.

No	Term 2 objectives:
1	Add, subtract, multiply, divide and order fractions and decimals. Calculate percentage increase and decrease.
2	Transform 2D shapes, Find missing angles using angle properties, Find area of 2D shapes, Geometrical constructions.
3	Identify term to term rule & nth term from a sequence and pattern, Find equation of line, draw straight line graph and substitution

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)	35
No of exam papers to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	1.5 hours

Topics and units covered/ Studying material/Practical skills & 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)
- Constructions (92-102)

Probability and Data

- Averages(page: 110-116)

Questions from the strands-number, algebra and geometry will be there for the test.

Refer notebook and worksheets. Practice Worksheets will be given. Revision sheets will be given.

Use the website Math-Aids.com to print & practice worksheet with answers. Use checkpoint workbook to practice (chapters-10 ,11,12,13,15,16,17 and Chapter 18 Pages(161-170))

GOOD LUCK!



Teacher's name: -Ms.Uzma ,Ms Vijita and Ms. Fatima Subject:-Science Year group:8

No.	Term 2 objectives:
1	Calculate average speeds. Interpret and draw simple distance/time graphs. Calculate speed from the distance time graph given
2	Describe the properties of sound in terms of movement of air particles. Recognize the link between loudness and amplitude, pitch and frequency using an oscilloscope. Relate that echo is reflection of sound.
3	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. Draw ray diagrams and describe refraction at the boundary between air and glass or air and water. Explain the dispersion of white light through a prism, color addition and subtraction, the absorption and reflection of white and colored light from different objects.
4	Describe the properties of magnet and the magnetic field pattern of a bar magnet. Draw magnetic field pattern. Differentiate between magnetic and non-magnetic material and give examples of both. Describe how to construct and use an electromagnet. Explain how magnetism can be put to use in daily lives.
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 1: 28 marks Test 2: 40 marks
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 4 (4.1, 4.3 , 4.5)

Unit 5 (5.1, 5.2, 5.3, 5.4, 5.5)

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

Unit 7(7.1, 7.2, 7.3, 7.4)

- Study from the lesson notes, homework sheets and the copybook for your end of term exam.
- Practice problems related to speed/ Draw and interpret distance time graph (Homework sheets + end of unit revision questions).
- Practice drawing a labeled ray diagrams related to the Unit "Light".
- Revise thoroughly how the various concepts learnt find applications in daily lives.

Teacher's name: Miss Salwa Rostom Subject: ICT

Year group: 8

No.	Term 2 objectives:
1	Intellectual property
2	Digital Creativity
3	Expressing creativity by designing a story using Alice – programming

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?)	Assessment1 = 15 = 15% Assessment2 = 20 = 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

- **Digital Creativity**
 - Mobile apps features and function.
 - Websites features and function .
 - Publishing a website (wordpress).
- **Animation Programming**
 - Multiplayer game.
- **Communication**
 - Internet threats.
 - Intellectual property.
 - The impact of ICT on society.
 - Application of new technologies.

Recourses: PowerPoint's from Edmodo(www.edmodo.com) and worksheets.

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

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: عد الخطوط السوداء)

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 وقياس الأشعة المنعكسة و تتبع حافة الخط المستقيم بحساس واحد وحساسين بإستعمال السويتش والحلقة التكرارية (اللوب) .
 - 2- معايرة حساس اللون و تطبيقات عليه مع إستخدام وحدة التعامل مع البيانات (المتغيرات و وحدة الحساب مثال: عد الخطوط السوداء).
*خطوات المعايرة:
 - 1- قم بتحميل برنامج المعايرة على الروبوت .
 - 2-شغل البرنامج من على الروبوت.
 - 3-تابع ما سيظهر على الشاشة لقياس اللون المكتوب عليها .
 - 4-ضع حساس اللون على اللون الأسود و اضغط على الزر بمنتصف الروبوت.
 - 5-كرر الخطوات مع اللون الأبيض.



أكاديمية الأرقام للبنات
AL- Arqam Academy For Girls