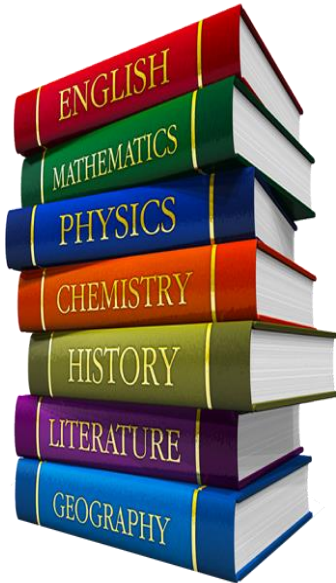


# YEAR 7



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

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# O B J E C T I V E S

## CONTENTS

1) Arabic

2) Sharia

3) Hum Arabic

4) Art

5) P.E

6) English

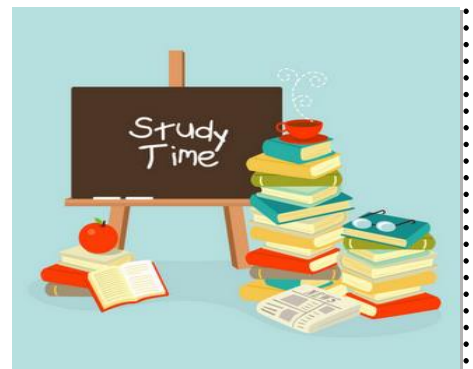
7) Hum English

8) ICT

9) Mathematics

10) Science

11) Robotics



Teacher's name : ---faheema----- Subject: -arabic-----Year group:7 ---

No.	Term 2 objectives:
1	أن تستخرج الأفكار الرئيسية والفرعية من النص المقروء .
2	أن تحدد العلاقة بين الكلمات ( تضاد – ترادف – مشترك لفظي )
3	أن تذكر نوع المجاز ( التشبيه والتعبير الضمني واثره )
4	أن تحدد الأساليب التي وظفها الكاتب لتوصيل المعنى / وان تميز بين الحقيقة والراي أو الحقيقة والمجاز.
5	أن تكتب ما يملأ عليها بحط واضح ومرتب موظفة قاعدة الهمزة المتوسطة والمتطرفة وزيادة حرف وحذف حرف توظيفاً صحيحاً .
6	أن توظف القواعد النحوية التي درستها توظيفاً صحيحاً مع مراجعة الحبرات السابقة .
7	أن تعرب الجملة الاسمية إعراباً تاماً
8	أن تميز بين الأفعال المجردة والمزيدة
9	أن تمثل للأفعال المجردة والمزيدة في جملة تامة المعنى .

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	30
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	50

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

مواضيع اختبار نهاية الفصل الثاني :

- القراءة نص إرشادي – نص شعري - نص نقاشي . ( نص خارجي )
- حفظ خمسة أبيات من قصيدة ورد الربيع ص 45 وسوف يُطلب من الطالبة كتابة الأبيات بالاختبار ) -

القواعد النحوية :

الجملة الاسمية وأنواع الخبر. 116 - 119

الأفعال الناسخة ( كان وأخواتها ) 136- 140

الحروف الناسخة (إن وأخواتها ) ص 29- 33

المجرد والمزيد من الأفعال الثلاثية وغير الثلاثية . 51- 54

الكتابة : كتابة نص إقناعي أو نقاشي ( الرجاء الرجوع للكتاب الأول في الوحدة الخامسة والسادسة والسابعة والكتاب الثاني في الوحدة الأولى والثانية

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



Teacher's name : هاجر أحمد

Subject: اجتماعيات

Year group: السابع

No.	Term 2 objectives:
1	1- أن تتعرف الطالبات على كيفية انتشار الإسلام في قطر ومنطقة الخليج العربي .
2	2- أن تتابع الطالبات دور أبناء الخليج العربي في نشر الإسلام .
3	3- أن تذكر عناصر المناخ والعوامل المؤثرة فيه .
4	4- أن تتدرب الطالبات على تحديد المناطق الحرارية على سطح الأرض

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- انتشار الإسلام في منطقة الخليج العربي من ص 32 إلى ص 37
- 2- دور أبناء قطر ومنطقة الخليج العربي في نشر الإسلام من ص 39 إلى ص 44
- 3- عناصر المناخ من ص 10 إلى ص 18 (الملزمة المصورة عناصر المناخ والعوامل المؤثرة فيه)
- 4- العوامل المؤثرة في المناخ من ص 19 إلى ص 29
- 5- الأقاليم المناخية من ص 31 ، 32

No.	Term 2 objectives:
1	Students learn about line, shape, and space through the art form of doodling.
2	Students learn to demonstrate proper ways to use pens, thick and thin lines, colouring in with markers.
3	Student explore the <b>paper craft</b> techniques such as scouring, folding , pleating etc to apply and create aesthetic concepts and artefacts. These techniques enable the participants to convey their ideas using <b>paper</b> as the medium.
4	

No of assessments during the term (without including the end of term exam)	<b>2</b>
Total mark for each assessment	<b>20</b>
No of assessments in end of term 1 exam timetable	<b>1 = 50%</b>
Duration of end of term exam/exams	<b>1.5 hours</b>

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

Doodle Art -free-form drawing project that deals with the elements of design – colour, line, shape, form and texture. - This is a free-form drawing project that deals with the elements of design – colour, line, shape, form and texture. Very wonderful detailed works of art can be achieved by simply doodling.

Creative craft – students learn to create a craft from waste bottles.

Teacher's name : Hoda saied  
Year7

Subject: P.E

Year group:

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
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	<b>Assessment 1 Handball</b> <b>Assessment 2 Fitness:</b>
Total mark for each assessment (every assessment is out of what) درجات الاختبارات	<b>Total (30 )</b> <b>Assessment 1 ( 15 )</b> <b>Assessment 2 (15 )</b>
Duration of end of term exam/exams الدرجة الخاصة باختبار نهاية الفصل	<b>(50)</b>

**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: Ms. Shini/Ms. Ana/Ms. Sarah/ Ms. Anisah**

**Subject: English - Year group: 7**

No.	Term 2 Exam objectives:
1.	<b>Reading:</b> To demonstrate comprehension skills based on a non-fiction text. Students will need to demonstrate understanding of vocabulary and be able to infer meaning.
2.	<b>Punctuation:</b> To be able to identify errors in a short piece of writing and correct it by adding in missing punctuation marks.
3.	<b>Writing:</b> To demonstrate writing skills using cohesion, paragraphing, various sentence structures and varied vocabulary and be able to adapt writing to suit different genres. Students will be required to write a letter based on the play Merchant of Venice.

No. of assessments during the term (excluding the end of term exam)	Assessment 1 - Writing (Letter) Assessment 2 – Speaking
Total mark for each assessment (every assessment is out of what)	Assessment 1 - ( 25 ) Assessment 2 - ( 25 )
No. of assessments need to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	1 hour and 30 minutes

Topics and units covered/ Studying material/Any other information
<p><b>Reading:</b> Students have been reading <i>Merchant of Venice</i> as their class reader this term. They have also been given a variety of reading comprehension texts on Literacy Planet.</p> <p><b>Writing:</b> Students have completed several pieces of writing focusing on technical accuracy (spelling, grammar, punctuation, sentence structure and organization of ideas).</p> <p><b>Speaking:</b> Students have completed one to one dialogue presentation based on the play Merchant of Venice that focused on cohesion of ideas in clear and fluent English.</p> <p><b>Exam Preparation:</b> 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, complete homework from Literacy Planet and speak to their teacher. They can also practice their reading, writing and grammar skills on Literacy Planet. Teachers will assign specific tasks for revision purposes, but students can work independently too.</p>



**Subject: English Humanities    Year group: 7    Teacher: Ms. Farihaan.**

No.	Term 2 objectives:
1	Identify parts of a river and river landforms.
2	Explain the process of the water cycle.
3	Describe and explain fluvial processes.
4	Explain the roles of a king and the balance of power between King, Barons & Church in the Middle Ages.
5	Differentiate and describe the lives of different classes of people during the Middle Ages.

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%
Duration of end of term exam/exams	1.5 hours

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

##### Geography

- Rivers, parts of a river and river landforms ( pg. 80-82, 84-88)
- The water cycle (pg.82-83)
- Fluvial processes (pg. 86)

##### History

- Roles of a king and the balance of power between King, Barons & Church in the Middle Ages (pg. 104)
- Villages, kingdoms, daily life of people in the Middle Ages (pg. 134-143, 146-149).

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

**Teacher's name:** Salwa Rostom /Aakifah Rahman /Sumeera Wajid **Subject:** ICT  
**Year group:** Year 7

No.	Term 2 objectives:
1	Prepare storyboards for Alice animations, and use the built-in methods to create varied animations
2	Differentiate between the use of the 2 control structures – do-in-order and do-together – to make animations in Alice, and in real-life
3	Use functions to return values in Alice, and deal with any collisions that occur
4	Be aware of the different ways to ensure Online security, and protect Passwords
5	Be able to define copyright, and encrypt and decrypt messages using a key
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)	Total (30%) Assessment 1 ( 15% ) Assessment 2 ( 15% )
No of assessments needs to be included in end of term 1 exam timetable	1
Duration of end of term exam/exams	60 minutes
Topics and units covered/ Studying material/Any other information	
<p><b>Alice Programming</b></p> <ul style="list-style-type: none"> <li>- Storyboard</li> <li>- Using built-in methods</li> <li>- Do-in-order for sequential actions</li> <li>- Do-together for simultaneous actions</li> <li>- Functions for asking questions</li> <li>- Dealing with collisions</li> </ul> <p><b>Introduction to the Internet</b></p> <ul style="list-style-type: none"> <li>- Online security</li> <li>- Password protection</li> <li>- Copyright</li> <li>- Encryption &amp; keys</li> </ul> <p>All the class slides are uploaded on Edmodo.</p>	

**Teachers:** Ms. Hagar, Ms. Mariam and Ms. Tincy  
**Year group:** 7

**Subject:** Mathematics

No.	Term 2 objectives:
1	<b><u>Number:</u></b> To add, subtract and multiply decimals, divide simple decimals by a whole number, convert between decimals, fractions and percentages, find equivalent fractions, convert between improper fractions and mixed numbers, add and subtract fractions, find the fraction and percentage of a quantity.
2	<b><u>Algebra:</u></b> To complete a sequence, find the term-to-term rule of a sequence, substitute values into an expression, derive and use a formula from given information.
3	<b><u>Geometry:</u></b> To apply facts of angles' properties to find the missing angles, angles on parallel lines, in a triangle and in a quadrilateral; measure and draw angles using a protractor.
4	<b><u>Measures and Data handling:</u></b> To convert between 12-hour and 24-hour clocks and interpret travel graphs; to find the averages (mean, mode, median and range) of a set of data and the averages from frequency tables.

**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)	30
No of exam papers 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/Practical skills & any other information**

### **Number:**

- Adding, subtracting, multiplying and dividing decimals
- Fractions, decimals and percentages
- Equivalent and simplifying fractions
- Improper, proper fractions and mixed numbers
- Adding and subtracting fractions
- Fraction of a quantity
- Percentage of a quantity

### **Algebra:**

- Sequences and term-to-term rule
- Substitution
- Deriving and using formula

### **Geometry:**

- Angles' properties
- Angles on parallel lines
- Angles of a triangle and quadrilaterals

### **Measure:**

- Time
- Travel graph

### **Data Handling:**

- Averages: Mean, mode, median and range
- Averages from frequency tables

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### **Notes:**

- Students must bring all their stationary including a **ruler** and a **protractor**.
- **No** calculators allowed.

**Teachers' Names:** Ms. Reham, Ms. Ruchi & Ms. Salma

**Subject:** Science **Year group:** 7

No.	Term 2 objectives:
1	<b>Biology:</b> Variation, Species, Classification-Invertebrates-arthropods only and their subclasses, Classification of vertebrates, Classification of Plants, Habitats, Food Chains, Feeding Ourselves, Changing the Planet.
2	<b>Physics:</b> What is Energy?, Energy from Sun, Energy Types, Energy Transfer, Conservation of Energy, Gravitational Potential and Kinetic Energy, Elastic Potential Energy and Sankey Diagrams.
3	<b>Chemistry:</b> The structure of the Earth, Igneous rocks, Sedimentary rocks, Sedimentary rock formation, Metamorphic Rocks, Soil, More about soil, Fossils, Estimating the age of the fossils.

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)	<b>Test 1:</b> (35 marks) <b>Test 2:</b> (35 marks)
No of assessments needs to be included in end of term 2 exam timetable.	1
Total marks	<b>End of term assessment:</b> 60 marks
Duration of end of term exam/exams	1:30 hour

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

**Please study from your materials to review the following content:**

#### **Biology**

- ☐ Understand what variation is and why individuals are different. Understand what is meant by species and what classification involves, and classify invertebrates (only arthropods and their subclasses- their features) vertebrates and plants into their major groups. Describe how organisms are adapted to their habitat; draw simple food chains; Identify producers, herbivore, carnivore, omnivore, consumer, decomposers, scavengers, prey and predator from a food chain. Explain how the population of prey affects the predator population and vice versa. Discuss the positive and negative effects humans have on food chains; discuss the negative effects humans have on the environment causing air pollution and ozone depletion.

#### **Chemistry**

- ☐ Explain the earth's structure and the properties of each layer. Describe the properties, formation and examples of igneous, sedimentary and metamorphic rocks. Explain how weathering of rocks helps in the formation of rocks. List all the soil components and soil properties. Name the soil types. Describe how fossils are formed. Describe how scientists estimates the age of the Earth.

#### **Physics**

- ☐ Describe where we get our energy from; recall the unit of energy; explain why the energy in food comes from the Sun; name some methods of generating electricity using the Sun's energy; name the different types of energy giving examples of processes that involve the different types of energy. Understand how energy transfers are shown in diagrams and be able to construct energy transfer diagrams. Define the law of conservation of energy and explain how the law applies to different situations. Explain what is meant by gravitational potential energy, kinetic energy and describe



situations which involve gravitational potential energy and kinetic energy. Explain how the store of elastic potential energy can change and describe situations where the store of elastic potential energy increases or decreases. Use Sankey diagrams to show processes that involve energy and interpret what each arrow means

### **Science Investigation**

- ☐ Identify important variables in an investigation. Make predictions using scientific knowledge. Discuss explanations for results using scientific knowledge and understanding. Recognize anomalous results. Present results as appropriate in tables and graphs.

**Please study from the textbook and your materials for the following units:**

#### **Biology**

- ✓ Unit 5 (5.1,5.3,5.4,5.5 & 5.6)
- ✓ Unit 4 (4.1, 4.2, 4.4)

#### **Chemistry**

- ✓ Unit 4 (4.1, 4.2, 4.3, 4.4, 4.5, 4.8, 4.9, 4.10 & 4.11)

#### **Physics**

- ✓ Unit 2 (2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 & 2.10)

### **Materials for exam:**

Do not forget to bring your equipment such as pens, pencil, ruler, rubber, sharpener and **calculator**

### **Other Information & Study Tips:**

- ★ Use class notes in copy book, workbook, handouts, checkpoint exam booklet and course textbooks (Complete Biology, Chemistry and Physics for Cambridge Lower Secondary Student Book) to revise the topics
- ★ Use the BBC bitesize website for revision: <https://www.bbc.com/bitesize/subjects/zng4d2p>
- ★ YouTube videos can be useful for revision, for example The Fuse School provides a range of easy to understand videos on Science topics: <https://www.youtube.com/user/virtualschooluk>
- ★ 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
- ★ Answer end of chapter questions and review the Science investigation chapters in the units you have studied
- ★ Make summaries of the key points
- ★ Create mind-maps for each topic
- ★ Study from the worksheets, homework sheets and the copybook

Teacher's name: Eman Mohamed

Subject: بحث علمي وروبوت

Year: 7

No.	Term 2 objectives:
1	العمل على وحدة العرض و switch وحساس الصوت وحساس الضوء وتطبيقات برمجية عليها
2	العمل على مهارات التركيب ( تركيب حساس الضوء وحساس الصوت)
3	أن تتعرف الطالبة على 6 خطوات بحثية (الفرضيات – أدوات جمع البيانات – تحليل البيانات – النتائج والتوصيات).
4	العمل على الخطوات البحثية وتطبيقها عمليا في نموذج ملزمة البحث العلمي

### \*توزيع درجات مادة البحث العلمي و الروبوت :

اختبار نهائي للفصل الأول (روبوت و بحث علمي).	50% درجة الإختبار النهائي
15% اختبار جزئي روبوت. 15% تصحيح مذكرة البحث.	30% الاختبارات المرحلية
5% اختبار تركيب ليجو. 5% التفاعل مع حملة تقليل النفايات البلاستيكية	10% (أوراق العمل)
5% حضور الطالبات. 5% التفاعل بالحصص.	10% حضور و تفاعل

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

المواضيع الداخلة باختبار نهاية الفصل

#### البحث العلمي :

- 1 - التعرف على الكيفية الصحيحة لكتابة كل خطوة من خطوات البحث ضمن الفصل الدراسي الأول وهي (الفرضيات – أدوات جمع البيانات – تحليل البيانات – النتائج والتوصيات)
- 2 – تطبيق الخطوات التي تمت دراستها والعمل عليها على ملزمة البحث العلمي .
- 3-الاستعداد لمعرض الأبحاث في الاسبوع الثالث من مارس

#### الروبوت :

- 1 - تركيب وبرمجة حساس الضوء لمهمة تتبع الخط
- 2 - تركيب وبرمجة حساس الصوت
- 3 - تطبيقات برمجية على وحدة العرض و وحدة switch