PAKISTAN EDUCATION ACADEMY
Dubai - UAE

Summer Home Work
Grade 7
Session 2018-19

<table>
<tr><th>SUB</th><th>Detail</th></tr>
<tr><td>Islam</td><td>
• Project work:
Importance of fasting
Guidelines:
i) Introduction of the month of Ramadan.
ii) Quranic verses & Hadeeth about the relation of Quran & Ramadan.
iii) Leave an importat message for makind in the end.
iv) Write the dua of Sehr & Iftar & memorize it also.
• Elocution & Qirat competition
• Prepare for elocution & Qirat competition which will be held in September.
• Memorization of Surah Qaf 1 till 10.
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<tr><td>Arabic</td><td>
By using the 30 verb which we studied in the last term write about your vacation describing the season the weather and make comparison between winter and your activities in both seasons .
مستخدما الثلاثون فعل الدي تعلمنا خلال الفصل لدراسي السابق اكتب عن اجازتك واصفا فصل الصيف و قارن بين فصل الصيف وفصل الشتاء
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<tr><td>English</td><td>
<u>Research Project</u>
Conduct internet research on the given tasks and follow the guidelines:
1. Prepare a model project on Extreme sports, sporting activities which involve a considerable level of danger.
Collect information about the sports where, when and how they are played, and what safety measures are taken.
Collect photographs, figurine with their information and prepare a model.
2. Prepare a PowerPoint presentation on a News Report.
Seek guidance from Oxford Progressive English Book page 170 and 171
News Report should have a heading
All information presented should be logical, using appropriate sub-heading
Finding should consist that forms the core of the report.
3. Submit a home reading report of any Edition of the novel/book “Robinson Crusoe” using this report guide below:
i. Characters
ii. Plot (in 3 paragraphs)
iii. New words I learned and use them in own sentences. (At least 20 new words.)
iv. Write down 30 regular verbs, 30 irregular verbs and their past tense and past participles.
Solve at least one ASSET paper (will be sent to you via email).
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<tr><td>Urdu</td><td>
پڑھائی وذخیرہ الفاظ: اسباق ۱۔ کتاب ” چیزوں کی کہانی“ سے ایک اقتباس
۲۔آدمی نامہ ۳۔ چچا چھکن نے ردی نکالی
ان اسباق و نظم کی پڑھائی کریں اور ان سے بیس نئے الفاظ چن کر لکھیں اور ان کے معانی بھی تلاش کر کے لکھیں۔
قواعد: کوئی سے دس الفاظ اور دس محاورات کو جملوں میں استعمال کریں۔
تخلیقی لکھائی: ۱۔ سبق ” چچا چھکن نے ردی نکالی“ پڑھیں اور چچا چھکن کے کردار کی خوبیوں اور خامیوں کی فہرست بنائیں۔ ۲۔ مضمون: یوم آزادیء
ماڈلز: کسی سائنسی ایجاد کا عملی (ورکنگ) ماڈل بنائیں۔
تلاش کریں: پانچ مسلمان سائنس دانوں اور اُن کی ایجادات تلاش کر کے لکھیں اور ان کی تصاویر بھی شامل کریں۔
نوٹ: دیا گیا تمام کام اضافی اوراق کا کتابچہ بنا کر مکمل کریں۔
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<tr><td>Social Studies</td><td>
1. Make an assignment on the following topics: (i) UAE vision 2021 (ii) The Success of UAE from 1971-2018.
2. Find out and list the raw materials that Pakistan imports for its industries. Also list the finished products that are imported from abroad into Pakistan.
3. Do a research work and prepare PPT on the major developmental projects of the government of UAE.
4. Make 3-model on biggest man-made Island Palm Jumeirah.
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<tr><td>Science</td><td>
1. Research Work (Creativity and innovation): Interview with Albert Einstein. Cover these areas
• Asked about his schooling
• His discoveries
• Why he is most famous for?
• And also find out how this research work is integrated with other subjects(Cross curricular links)
2. Assignments (real life application, portion of 2nd term, charts)
Use color pages for this purpose :(it should not be more than 3 pages)
• Write the uses of different types of acids, bases and salts and stick pictures and where you can find these things in daily life? (chemistry)
• Make a chart related to drugs, paste pictures and write its side effects on human health and economy? (biology)
• What is the audible frequency? Differentiate between infrasonic and ultrasonic sound? (physics)
3. Project: make a model on any one of the following:
• water dispenser or projector
4. Multiple choice questions for asset practice.
Solve at least one ASSET paper (will be sent to you via email).
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<tr><td>Computer Science</td><td>
• Create a website using HTML for a restaurant menu.
• Write a note of Computer Virus and explain all their types.
• Create a Detail Mark sheet in MS Excel and Apply Conditional formatting.
• Create a model and power Point presentation that explains
➢ Cloud computing.
➢ Communication over Social Networking.
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Math

(1) Mathematician Research

Access to Internet and/or other reference materials and research to learn about a famous mathematician, and select one for presenting the research. Take notes on the following outline to research your mathematician.

A. Vital Statistics: Name, Lifespan, Birthplace and Age at Death

B. Three historic world events that occurred during his/her life

Power point presentation—Use pictures, words, maps, and symbols to create a power point presentation about the mathematician. **OR** **Collage**—Use pictures, words, maps, and symbols to create a large collage on poster board about the mathematician.

You will use this to give an oral presentation to the class while dressed up like a mathematician.

(2) Application of Knowledge

(1) Area and Perimeter Create a fun house that has 3 rooms and a yard. Your house is to have a perimeter of 120 cm. You are to calculate the amount of carpet for 2 of the rooms. You are also to calculate the amount of fencing for your yard. Last you are to draw a picture of the front of your "Fun House". You are to include all labels and calculations.

STEPS: Draw a house on 1cm graph paper.

Your house must have at least three rooms and a perimeter of at least 120 cm.

1. Figure out how many square feet of carpet you will need for 2 rooms.
   Show those measurements in the drawing of the room.
2. Draw the fence around the yard.
   How much fencing will you need? Include the unit.
3. Draw the front view of your house.

(3) Make a booklet of questions from web site www.AQAD of grade 6 and 7. (Max. 30 Questions)

4. **Workspace:**

Room 1	Room 2	Room 3
Length.____	Length.____	Length.____
Width. ____	Width. ____	Width. ____
Perimeter.___	Perimeter. ___	Perimeter. ___
Area. _____	Area. _____	Area. _____

Perimeter of House (show calculations and units). _____.

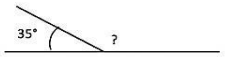
Carpet needed for two rooms (show calculations below and units)_____.

Perimeter of Yard (show calculations below and units).

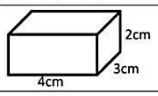
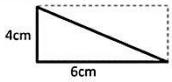
_____.

(3) Solve the following Questions on separate sheets.

Sheet 1

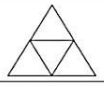
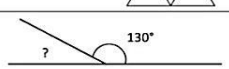
1)	0.35 + 0.6 + _____ = 1
2)	¾ of 24
3)	Which of these numbers is **not** a multiple of 4? 36 62 28 52 72 88
4)	If $x = 5$, what is the value of $(2x + 8)/3$
5)	Add up all the odd numbers between 20 and 26.
6)	Solve $2x = 12$
7)	The perimeter of a rectangle is 12cm. The area is 5cm². What is the length of the sides?
8)	Write down all the prime numbers between 30 and 40.
9)	What is the missing angle? 
10)	A scale model of a motorbike is made with a ratio of 1:40. The length on the scale model is 6cm. How long is the actual motorbike?
11)	1625 ÷ 100
12)	Sally sells 30 raffle tickets and makes £18. How much did she sell each ticket for?
13)	52.76 = 52 + 0.7 + _____
14)	Convert $1\frac{7}{6}$ to a mixed number.

Sheet 2

1)	$3\frac{2}{3} + 5\frac{1}{3}$
2)	What is 50% of £48?
3)	Write down all the factors of 45. ___ ___ ___ ___ ___ ___
4)	What is the volume of this cuboid? 
5)	Convert 37% into a fraction.
6)	Write $3\frac{2}{5}$ as an improper fraction.
7)	What is the area of this triangle? 
8)	Round 6257.5 to the nearest 10
9)	Find the value of x if $3x + 1 = 16$.
10)	The flight time from Boston to London is 6 hours 20 minutes. I arrive in London at 4:05pm. What time did I set off from Boston?
11)	Find the mode of 4, 6, 2, 5, 3, 4, 2, 6, 1, 7, 4, 3, and 8.
12)	A bag contains 5 blue beads and 3 yellow beads. I pull a bead at random out from the bag. What is the probability it is yellow?
13)	Write $\frac{12}{36}$ in its simplest form.
14)	Quadra gets £120 for her birthday. She spends ¾ and saves the rest. How much does she save?
15)	If $x = 7$, work out the value of $x^2 - 5$.
16)	If 1kg of rice costs £1.20, how much does 500g cost?
17)	How many vertices does a hexagonal pyramid have?
18)	Convert 0.7 into a percentage.

Solve at least one ASSET paper (will be sent to you via email).

Sheet 3

1)	7 + (8 x 6)
2)	$\frac{3}{5} - \frac{3}{10}$
3)	Write 0.7 as a fraction
4)	⅓ of 21 = ___ – 10
5)	Round 4.639 to 1dp
6)	What is the **range** of: 21, 35, 17, 27, 32, 12 and 30
7)	Find ⅜ of 36
8)	Which of these numbers is **prime**? 33 45 57 69 53 49
9)	What is the difference between 6000 and 60?
10)	(1 foot = 12 inches) Which two measurements add up to 3 feet? 14 inches 2 feet 1 inch 1 foot 7 inches 11 inches
11)	How many months in ¾ of a year?
12)	Fill in the missing operations (+, -, x or ÷) to make this correct: 5 ☐ 6 ☐ 3 ☐ 2 = 8
13)	A rectangular swimming pool measures 6 metres by 4 metres. What is the **area**?
14)	What 3d shape does this net make? 
15)	What is the missing angle? 
16)	Two numbers have a sum of 15 and a product of 26. What are they?
17)	I eat a third of a box of chocolates. There are now 16 left. How much were in the box at the start?
18)	If $2x + 1 = 7$ what is the value of x?

Moral Education

TOPIC	ASSIGNMENT	AREAS
Moral education	Make a project showing moral values.	Creativity
First aid	Write an essay about the Red crescent of UAE.	Assignment
Staying safe at home and outside.	Make presentation on the topic staying safe at home and outside	Research
First aid	Prepare a chart showing steps for choking.	creativity

Prepared by: Subject Teachers **Reviewed/Approved by: Subject Leaders**