



St. Anthony's High School Faisal Town Lahore



Class 7A

HOLIDAYS HOMEWORK Week 1



Name: _____

Class: _____ Section: _____

Admission. No. _____

To,

The Parents,

1. This booklet contains summer vacation homework for 2025: projects and worksheets.
2. Vacation homework is designed to keep the children usefully engaged connecting the book knowledge with practical life.
3. The work is designed under the following formats based on activities
 - a) Thematic work
 - b) Intergraded work
 - c) Projects
4. Parents are requested to support, guide and provide inexpensive material required to complete the work.
5. The work given is to develop skills, innovation and creativity, the work done by anybody except the students will not be checked.
6. Where necessary instructions are given to the child and to the parents to guide and support the child in completing work.
7. The summer vacation homework suggests visiting parks, zoo, and other educational and recreational locations for activities.
8. We hope this exercise will help children and parents to spend some quantity time together, which they miss during the school days and turn the learning into a joyful experience. Hence we plan the event meaningfully.
9. Do not use expensive material.
10. HW is given on weekly basis for 7 weeks. HW of the 1st week will be uploaded on the website and on shared on WhatsApp groups by 8th of June 2025.
11. Please refrain from doing the entire home work in one week.
12. Teachers will be available on phone/WhatsApp between 10am to 12noon till 20th June 2025.
13. Email ID of every teacher is mentioned at the end of the page. For any further clarification you can email to ace@stanthony.edu.pk.
14. Please note that you will receive the response of the email within 24 working hours up to 20th of June 2025.
15. Make a permanent work place and work time, this will help you bring discipline into your work routine.
16. All the home work should be submitted on 7th, 8th and 9th of August 2025.
17. Please compile all the projects and worksheets in the form of a booklet with the name of the students, admission number, and class mentioned clearly on the cover page. Please get the colored print of the cover page.
18. Do collect the receipt of the submitted homework.
19. In case of any delay, submit your homework with an application to the coordinator.
20. Any changes to the above will be intimated to you through the website/FB.
21. Email Ids: kirana@stanthonyf.edu.pk, mariam@stanthonyf.edu.pk,
sajda@stanthonyf.edu.pk, saray@stanthonyf.edu.pk, shakeel@stanthonyf.edu.pk, ,
sonila@stanthonyf.edu.pk.

Class:7A	Week 1	Date:
Subject	Homework Project	Instructions
English	<p>Topic: Haiku Haiku is a form of Japanese poetry that expresses emotions using limited words and a specific pattern based on the number of syllables. It is usually used to express Nature and its disasters. However, modern literature also provides us with topics of Haiku other than Nature.</p> <p>Task 1: Write a Haiku with a 5-7-5 syllable pattern using at least one hyperbole or personification.</p> <p>Task 2: Write its main idea also.</p>	<ol style="list-style-type: none"> 1. Give a suitable title to your poem. 2. The theme of the poem should be other than Nature. 3. Read the sample poems and follow the pattern as given in the sample PDF file. 4. Use loose sheets to complete these tasks and use the school handwriting pattern. 5. Colorful pencils can be used for this task. 6. The link for sample poems and a pattern to complete the task is mentioned in the given link: <p>Sample Poems.pdf</p>
Urdu	<p>عنوان: تذکیر و تانیث</p> <p>سرگرمی نمبر ا</p> <p>یہ حافظہ ولایت کی ایک نظم دی جا رہی ہے۔ جس میں شاعر نے دلچسپ انداز سے اردو زبان میں تذکیر تانیث کے مسائل پر توجہ دلائی ہے۔ نظم پڑھیے اور یہ دیئے گئے سوالات کے جوابات لکھیے۔</p> <p>نظم</p> <p>بہت پر اطف گواردوز بان ہے</p> <p>ذکر اور مونٹ کی ہے دقت</p> <p>اگر ہر چیز کی دیکھو حقیقت</p> <p>پریشان کن ہے یہ تذکیر و تانیث</p> <p>مصادیب جمع کا صینہ ذکر</p> <p>مونٹ ہے مگر واحد مصیبت</p> <p>غصب ہے، خوف و خطرہ ہے ذکر</p> <p>مونٹ ہے شجاعت اور ہمت</p>	<p>سوالات کے جوابات تحریر کرنے کے لئے ایک اردو کی کاپی کا انتخاب کیجیے نیز کام کرنے کے لئے معمول کے مطابق کاپی پر تاریخ دن، گھر کا کام اور: حاشیہ ضرور لگائیں۔</p> <p>2۔ لکھتے وقت لکھائی کے اصول ضرور مر نظر رکھیں۔</p>

پر دہ، جا ب و گھو نا گھ اور بر تغ مذکر ہے یہ کل سامان عورت

دو پہنچ عورت و مونث کیوں ہے دستار فضیلت

ضروری تھا ہو چہرے کی صفائی عبث ہے نوجوان سے شکایت

ہوئیں جب موچھ اور داڑھی مونث تو پھر کرنا پڑا دونوں کو رخصت

سوال ا:- نظم میں کن مذکر اور مونث الفاظ کا ذکر کیا گیا ہے یونچ جدول میں لکھیں؟

مذکر (تذکیر)	مونث (تائیث)

سوال ۲۔ تیرے شعر میں لفظ مصائب کو جمع کہہ کر اس کا واحد لفظ مصیبت بھی دیا گیا ہے۔ بتائیے دونوں میں کون سا لفظ مذکر ہے اور کون سا مونث؟

جواب:-

سوال ۳۔ شاعر غصب ہے کہہ کر کس بات پر تجуб کا اظہار کر رہے ہیں؟

جواب:-

سوال ۴۔ دستارِ فضیلت کے کہتے ہیں اور شاعر کو اس لفظ کے مونث ہونے پر کیوں تجуб ہو رہا ہے؟

جواب:-

سوال ۵۔ شاعر نے نوجوانوں سے داڑھی موچھ صاف کرنے کی شکایت نہ کرنے کے لیے کون سی پر لطف و جہانگی کی ہے؟

جواب:-

سرگرمی نمبر ۲

ضماں کے حوالے سے درست تذکیر و تائیث کرتے ہوئے عبارت مکمل کیجیے۔

عائشہ اور احمد جماعت پنج کے طلباء ہیں۔ دونوں ہی ٹینس کے بہترین کھلاڑی ہیں۔ احمد کھیل کی مشق پر بہت دھیان دیتا ہے۔ وہ صحن اٹھنے کی نماز کے بعد چھل قدمی ہے۔ اسکوں میں کھیل کے وقفے میں وہ ٹینس کا ایک راؤنڈ ضرور ہے۔ اپنے دوستوں کے ساتھ ٹینس کا مقابلہ ہمیشہ وہی ہے۔ اس کے مقابلے میں عائشہ اپنے کھیل کے ساتھ ساتھ گھر کے کاموں میں اپنی اگی کا ہاتھ ہے۔ اسکوں میں وہ اپنی سہیلیوں کے ساتھ ٹینس کی مشق ہے۔ رات کے وقت گھر کے صحن میں اپنی بہنوں کے ساتھ بھی ٹینس کی مشق ہے۔ غرض وہ دونوں ہی اسکوں کے لیے بہترین اشتمانے ہیں۔

سرگرمی نمبر ۳: دیئے گئے جملوں میں تذکیر و تائیث کی درستی کیجیے۔

۱۔ عاصم نے ایک قلم خریدی ہے۔

۲۔ یہ رسالہ میں نے پڑھی ہوئی ہے،

۳۔ میرا گیند کہا ہے؟

۴۔ رات میں نے ایک دلچسپ خواب دیکھی۔

Mathematics	<p>Topic: Algebra</p> <p>Application-Based Questions</p> <p>Q1. Monthly Pocket Money Plan</p> <p>Ali receives Rs. 300 per month as pocket money. He decides to save a fixed amount every month.</p> <p>Let the amount he saves each month be x. Write an expression for:</p> <p>a) Total money spent each month. b) Total savings after 6 months. c) If he saves Rs. 50 per month, how much will he save in a year?</p> <p>Part A: Simple Questions – Simplify the following expressions</p> <ol style="list-style-type: none"> 1. $5x+3x-2$ 2. $7a+4b-2a+3b$ 3. $2(3x+4)-5$ 4. $4(y+2)-3(y-1)$ 5. $3m-2n+4m+6n$ <hr/> <p><input type="checkbox"/> Part B: Application-Based Questions</p> <p><input type="checkbox"/> Q1: Juice Box Calculation</p> <p>A juice company packs juice in boxes. The cost to produce one box is given by $2x+52$ and the packaging cost is $3x+2$.</p> <ul style="list-style-type: none"> • Find the total cost per box by 	<p>Instructions for Students:</p> <ol style="list-style-type: none"> 1. Carefully read each question. 2. Simplify all expressions using algebraic rules: Combine like terms Use the distributive property Follow BODMAS (Bracket, Order, Division/Multiplication, Addition, Subtraction) 3. Show all steps clearly 4. Solve simple application-based) questions. Solve all the sums with working in full escape sheets 5. Bonus question is optional – try it for fun!

	<p>simplifying the expression.</p> <p>□ Q2: School Books Distribution</p> <p>A school distributes textbooks and notebooks. If each student receives $2x+3$ books in the first round and $x+4x$ books in the second round:</p> <ul style="list-style-type: none"> • Simplify the expression for total books per student. <p>□ Q3: Home Painting</p> <p>A painter paints 2 walls using $4x+6$ liters of paint each and another wall using $2x+3$ liters.</p> <ul style="list-style-type: none"> • Simplify the expression to find the total paint used. 	
	<p>□ Q4: Eid Gift Wrapping</p> <p>Each Eid gift needs $x+2$ minutes to wrap. If a worker wraps 3 such gifts:</p> <ul style="list-style-type: none"> • Write and simplify the expression for the total wrapping time. <p>□ Bonus Fun Challenge:</p> <p>The expression is: $2(x+3)+3(x-2)-x$</p> <ul style="list-style-type: none"> • Simplify it step-by-step and then plug in $x = 4$ to find the final value. <p>Activities:</p> <p>⇒ Activity 1: Matchstick Patterns</p>	

	<p>Objective: Explore algebraic expressions through patterns.</p> <p>Task:</p> <p>Look at the pattern of matchsticks below:</p> <ul style="list-style-type: none"> • 1 square = 4 matchsticks • 2 squares in a row = 7 matchsticks • 3 squares in a row = 10 matchsticks <p>□□□ (shared sides reduce total sticks)</p> <p>Questions:</p> <p>a) Complete the table:</p> <table border="1" data-bbox="421 762 1013 1364"> <thead> <tr> <th data-bbox="421 762 714 882">Number of Squares</th><th data-bbox="714 762 1013 882">Number of Matchsticks</th></tr> </thead> <tbody> <tr> <td data-bbox="421 882 714 958">1</td><td data-bbox="714 882 1013 958">4</td></tr> <tr> <td data-bbox="421 958 714 1034">2</td><td data-bbox="714 958 1013 1034">7</td></tr> <tr> <td data-bbox="421 1034 714 1110">3</td><td data-bbox="714 1034 1013 1110">10</td></tr> <tr> <td data-bbox="421 1110 714 1186">4</td><td data-bbox="714 1110 1013 1186">?</td></tr> <tr> <td data-bbox="421 1186 714 1262">5</td><td data-bbox="714 1186 1013 1262">?</td></tr> <tr> <td data-bbox="421 1262 714 1364">n</td><td data-bbox="714 1262 1013 1364">? (Use a formula)</td></tr> </tbody> </table> <p>b) Find a formula using n to calculate matchsticks for any number of squares.</p> <p>c) Verify the formula by using it to find matchsticks for 10 squares.</p>	Number of Squares	Number of Matchsticks	1	4	2	7	3	10	4	?	5	?	n	? (Use a formula)	
Number of Squares	Number of Matchsticks															
1	4															
2	7															
3	10															
4	?															
5	?															
n	? (Use a formula)															
Science	<p>Activity 1: Use of virtual microscope</p> <ul style="list-style-type: none"> • Use the following links to observe the samples of given organisms under the virtual microscope. • https://learn.genetics.utah.edu/content/cells/microscope 	<p>Instructions for observing plant shoot system</p> <ul style="list-style-type: none"> • Use the first link to observe the plant shoot system. • List out the tissues that make up the shoot 														

	<ul style="list-style-type: none"> • https://interactives.bscls.org/3dmss/microscope.html 	<p>system along with their functions.</p> <ul style="list-style-type: none"> • Draw a microscopic image of a spongy parenchyma cell by using colors and the given link. • Use A4 sheets to complete this task. • Turn on the labelling button while you are observing the shoot system. <p>Instructions for observing different parts of the plant:</p> <ul style="list-style-type: none"> • Use the 2nd link to observe the parts of different plants. • Find out some facts about the plants given in the link. (buttercup, onion, birch and corn) • Draw a microscopic image of the corn stem. • Use A4 sheets to complete this task.
Social Studies	<p>History.</p> <p>Chap:4 Muslim Dynasties.</p> <ol style="list-style-type: none"> 1. Seljuk Empire (1034-1194) <p>Article.</p> <p>The Seljuk Empire was a medieval Sunni Muslim empire founded in 1037 by Tughril Beg, a Turkic military leader who united various nomadic tribes. Originating from the Central Asian steppes, the Seljuks adopted Islam and established control over large parts of Persia, Iraq, and the Levant. In 1055, Tughril Beg entered Baghdad and was recognized as Sultan by the Abbasid Caliph, marking the start of Seljuk political dominance in the Islamic world. His successor, Alp Arslan, defeated the Byzantines at the Battle of Manzikert in 1071, a turning point that opened Anatolia to</p>	<ul style="list-style-type: none"> • Read the Article carefully. You may read more than twice to understand in a better way • Ans the given Questions.

Turkic settlement. Malik Shah, who ruled from 1072 to 1092, expanded the empire further and encouraged Persian culture, science, and architecture, making the Seljuk period a golden age for Islamic civilization.

During this time, the renowned vizier Nizam al-Mulk established the *Nizamiyya* schools, promoting Islamic learning and administration. However, after Malik Shah's death in 1092, the empire began to fragment due to internal power struggles and weak leadership. The First Crusade (1096–1099) further weakened the Seljuks, as they failed to present a united front against European invaders. In the early 12th century, the empire splintered into smaller states, such as the Sultanate of Rum in Anatolia and the Zengid dynasty in Syria. Despite fragmentation, Seljuk influence remained strong in art, culture, and governance throughout the Islamic world.

By 1194, the empire officially ended when the last Seljuk Sultan, Tughril III, was killed in battle by the Khwarezmian Empire. The Seljuks left a lasting legacy by paving the way for the rise of later Muslim powers like the Ottomans. Their support for Persian culture helped shape the Islamic world in fields such as literature, science, and architecture. Seljuk military strategies and political systems influenced later Islamic empires significantly. Overall, the Seljuk Empire played a crucial role in bridging the gap between the early Islamic caliphates and later medieval Muslim states.

Question:

1. Why was the Battle of Manzikert in 1071 considered a turning point in the history of the Seljuk Empire and the Byzantine Empire? Explain its long-term impact on both empires.
2. Design a recruitment poster for

	<p>joining the Seljuk army under Alp Arslan before the Battle of Manzikert. What message and visuals would you use to inspire soldiers to fight?</p> <p>3. Make a timeline chart according to the given Article</p>	
Computer Studies	<p>Traditional Mail: Pen Pal Letter Exchange</p> <p>Objective: Practice composing friendly, structured mails.</p> <p>Guidelines:</p> <p>Write an introductory mail to a classmate. Include a subject, greeting, body, closing. Exchange at least 2 follow-up mails.</p>	<p>Kindly share the photocopy of the mail you have delivered to your friend.</p> <p>The mail must have:</p> <ol style="list-style-type: none"> 1. Friend's name at the top left corner. 2. Mention the date as well. 3. Greetings and the main body 4. End it with your name at the bottom.