Cadet College Muzaffarabad, AJ&K

Summer Vacation Work 2025

Class 8th

عربی

1ـ المصيف

2ـ المناطق الشماليه

3ـالشتاء

4ـالفواکه

5ـ عباد الرحمن

تمام اسباق کا گرائمر ترجمہ اور تمام مشقیں لکھ کرلانی ہیں۔

اردو

درخواستیں

پرنسپل کے نام فیس معافی کی درخواست۔

پرنسپل کے نام کریکٹر سرٹیفکیٹ کی درخواست۔

مضامین

علم بڑی دولت ہے

میری پسندیدہ کتاب

خط:

والدہ کے نام امتحان میں کامیابی کا خط

تخلیقی کام

1۔ایک سفر کی روداد لکھنی ہے۔

2۔ کوئی ناول پڑھنا ہے اور اس کا تجزیہ لکھ کر لانا ہے۔

3۔ لٹریچر کی کوئی ایک کتاب ساتھ خرید کر لانی ہے۔

Science (Physics)

1. Chapter Force and Pressure 2. Chapter Reflection & Refraction	Revise & Prepare Also check the project related to these chapters & prepares at least 1 project related to physics from these 2 chapters.

English

01.	Letter writing-5 (Friends & Family)
02	Application to Principle (5)
03	Story writing 1. Greed is curse 2. Tit for tat 3. Look before you leap 4. Honestly is the best policy 5. Unity is strength
04	Essay Writing 1. My Aim in life 2. Global Warming 3. Importance of Sports
05	Tenses -10 Sentences using each tense (12) Parts of Speech Bilingual Speech Topics shared in the Houses.

History

01.	Write and memorize the exercise of Chapter No- 01 "Arrival of the British in the Subcontinent".
02	Write and memorize the exercise of Chapter No- 02 "Reforms movement in India"
03	Draw the map of Pakistan and Azad Kashmir
Critical thinking	
01.	Why do you think the British Worked on Communication links in the Sub-Continents?
02.	What, in your opinion, was the impact of Aligarh movement on progress and

	modernization of the Muslim of India?
03	Do you think the united nations has been successful in achieving its goal of peace in the world?

Science (Chemistry)

Chapter-01.	Write Chap-01 short and long question on a separate Note Book Solve exercise Chap No-1 on a separate Note Book. Prepare Chap No-1 thoroughly for 2nd term exams.

Computer Science

Chapter No 1

1. Create / Develop a mobile detector using Bread Board (IOT,s)
2. Crate a Model of LAN, MAN and WAN.

Chapter No 2

3. Prepare a balance sheet using MS Excel for your monthly pocket money.
4. Prepare a column chart for cricket match representation.

Geography

1. Draw map of Pakistan & point out its bordering countries also discuss its relation with its immediate neighbors. (write)
2. Write down importance of CPEC for Pakistan. (write)
3. Prepared two chapters. (Orally).

مضمون: فہم القرآن

سبق 01۔سورۃ البقرۃ آیت 142 تا 152

سبق 02۔سورۃ البقرۃ آیت 153 تا 162

سبق 03۔سورۃ البقرۃ آیت 163 تا 177

سبق 04۔سورۃ البقرۃ آیت 178 تا 182

سبق 05۔سورۃ البقرۃ آیت 183 تا 188

نوٹ :

مذکورہ پڑھے گئے اسباق کی مشقوں کے بتائے گئے سوالات نوٹ بکس پر بتائے گئے طریقہ کو اپناتے ہوئے لکھنے اور مکمل کرنے ہیں۔

پانچوں اسباق میں مذکور عربی گرام کے حصے نوٹ بکس پر لکھنے ہیں۔

سورۃ البقرہ کی 142 سے 188 آیات تک سب کا صرف با محاورہ ترجمہ نوٹ بکس پر لکھنا ہے اور آیات کی عربی بھی آیت نمبر کے ساتھ لکھنی ہے۔

معلومات اسلام کی پریسی گروپ میں بھیجے جائے گی وہ زبانی یاد کرنی ہے۔

عربی کا امتحانی پرچہ واٹس ایپ میں بھیجا جائے گا وہ نوٹ بکس پر کتاب کی مدد سے حل کر کے لانا ہے۔

اسلامیات

* سورۃ البینۃ تا سورۃ الناس تمام سورتیں حفظ کریں۔

سبق قرآنی دعائیں، احادیث نبوی اور سبق دعائیں سے عربی عبارات تراجم سمیت خوشخط لکھ کر لائیں اور زبانی یاد کریں

* کاپی پر لکھوائے گئے تمام اسباق خوشخط لکھ کر اور یاد کرکے آئیں۔

* چھٹیوں کے بعد قرآن و حدیث اور سیرت کوئز منعقد ہوگا لہذا چھٹیوں میں کوئز کی بھرپور تیاری کریں، سوال و جواب کی کاپی آپ کے متعلقہ گروپس میں بھیج دی جائے گی

Science (Biology)

1. Write Down the definitions of chapter no 1. Ecology.

2. Sketch out 5 food chains from aquatic and 5 from terrestrial ecosystems.

3. Develop individual scientific models according to your interest.

4. Prepare entire first chapter.

(Mathematics)

Instructions:

- Complete your work daily in a disciplined and organized manner. Set a fixed time for Mathematics practice every day.

- Use **proper sheets for your Mathematics homework**, with your name, class and CCM on front page.

- Make sure to attempt all the exercises and questions assigned for vacation. No questions should be left unanswered.

- Use proper headings, margins, and page number.

- **Home work will be checked on first day after vacation. Late submission will not be entertained.**

Chapter #01   Real Numbers

Short Questions.
i.   Write the definition of rational number. Also give examples

ii. Define Terminating Decimal fraction.
iii. Define Recurring Decimal fraction.
iv. Define irrational number. Also give example
v. Separate rational and irrational numbers, $\sqrt{9}, \sqrt{100}, \sqrt{26}, \sqrt{8}$
vi. Write in decimal form and state which of them are terminating and non-terminating decimals.

$$\frac{4}{9}, \frac{11}{15}, \frac{7}{11}$$

vii. Name the type of decimals. State whether they are rational or irrational numbers.
    1.2578, 0.3333333…….., 4.363636363…....,
viii. Write Commutative property with respect to addition.
ix. Write Reflexive property of equality.
x. Write Trichotomy property of inequalities.

Long Questions.

1. Find the value of $|3x - 4x + 1|, when\ x = 1, 2$

2. Ismah uses $\frac{1}{4}$ of her monthly pay cheque on utility bills and $\frac{1}{10}$ of remaining for savings.
   If her last pay check was Rs. 600.80. How much did she put in savings?

Chapter #02   **Estimation and approximation.**

Short Questions.
   i. What is mean by estimating or rounding off?
   ii. Round off the number 70003 to the nearest 10.
   iii. Round off the number 9673 to the nearest 100.
   iv. Round off the number 17349 to the nearest 1000.
   v. Rounding the number 8.74 to nearest whole number.
   vi. Estimate the value of $\sqrt{16.3 \times 24.8}$
   vii. Find the exact number of significant figure 936.12
   viii. Find the exact number of significant figure 0.0003670
   ix. Find the exact number of significant and non-significant figures of 0.029700
   x. Find the exact number of significant and non-significant figures of 0.000370

Long Questions.
3. Use estimate how much the calculation differ from their actual values?
   $437.81 \div 2.27 = 190$
4. Estimate the circumference of circle to 2 d.p . with radius of 23.7cm

Chapter #03   **Square and Square Roots, Cubes and Cube Roots.**

Short Questions.
   i. If the length of one side of square is 17cm, Calculate area of square.
   ii. Calculate the square root of 49
   iii. Find the least number that must be subtracted from 734cm to get a perfect square.
   iv. Is 4097 is a perfect square?

v.   Find the square root by division method 7921

vi.   Find $\sqrt{\dfrac{225}{625}}$ by using prime factorization method.

vii.   Evaluate $\sqrt{5\dfrac{41}{64}}$

viii.   Evaluate $\sqrt{10\dfrac{6}{25}}$

ix.   Find the square root of 46.24
x.   Find the square root of 9.8596

Long Questions.

5.   Simplify $\sqrt{21\dfrac{51}{169}}$

6.   Find the square root of 460.1025
7.   Find square root by division method 4227136
8.   The area of square field is 19600m². Find the length of side of square.

9.   Area of circular field is 74536m². Find the circumference of circle. (Take $\pi = \dfrac{22}{7}$)