

Summer Vacation Homework 2026-2027

Instructions

- Please ensure that you complete each homework assignment on separate sheets of paper to facilitate easy grading and assessment.
- Do not use your regular class notebooks or workbooks for winter homework. This helps in keeping your regular coursework and these special assignments distinct.
- Use charts and colorful papers to add visual appeal to your assignments. This not only makes the homework visually engaging but also demonstrates creativity.
- Using any external help (neither from tuition teachers nor anyone else) is acceptable. Resist the urge to seek external help; this helps foster self-reliance and a better grasp of the concepts.
- The winter homework holds significance, contributing to 10% of your year-long grades.
- Do not use a calculator in Mathematics

براہ کرم اس بات کو یقینی بنائیں کہ آپ ہر ہوم ورک اسائنمنٹ کو الگ الگ شیٹس پر مکمل کریں تاکہ اس کی جانچ اور گریڈنگ میں آسانی ہو۔

• اپنے عمومی کلاس نوٹ بکس یا ورک بکس کو موسم سرما کے ہوم ورک کے لیے استعمال نہ کریں۔ اس سے آپ کے معمول کے کورس ورک اور ان خاص اسائنمنٹس میں فرق برقرار رہے گا۔

• اپنے اسائنمنٹس میں چارٹس اور رنگین کاغذات کا استعمال کریں تاکہ یہ نہ صرف دیکھنے میں دلکش ہوں بلکہ آپ کی تخلیقی صلاحیت کا بھی مظاہرہ ہو۔

• کسی بھی بیرونی مدد (ٹیوشن ٹیچرز یا کسی اور کی مدد) کا استعمال قابل قبول نہیں ہے۔ بیرونی مدد لینے سے گریز کریں؛ اس سے خود انحصاری کو فروغ ملتا ہے اور آپ کے تصورات کو بہتر طریقے سے سمجھنے میں مدد ملتی ہے۔

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• ریاضی میں کیلکولیٹر کا استعمال نہ کریں۔

Winter Vacations Homework 2025-2026

Grade IV

Name		Due Date	0–August–2026
G.R #		Total Points	500

English Language

(100 Points)

Homework # 01

(50)

- Create a short comic strip of 4-5 boxes on an A4 sheet showing a day in the life of your favorite animal.
- Write 3-4 simple sentences under each box describing what is happening. Use adjectives like big, happy, fast, colorful to make it interesting.

Homework # 02

(50)

- Make a “My Dream Day” poster on a chart paper. Draw or paste pictures of 3 places you would visit and 2 activities you would do.
- Write 5-6 sentences explaining why you chose these places and activities. Focus on using capital letters and full stop correctly.

(50)

Add hands-on homework

Urdu

(100 points)

Homework # 01

(50)

ماحول کی صفائی اور اس کی اہمیت پر ایک چارٹ تیار کریں۔

Homework # 02

(50)

میرا پاکستان " کے عنوان سے دس جملے لکھیں۔"

دیے گئے الفاظ کے معنی لکھیں اور ہر لفظ کا جملہ بنائیں۔
محنت، ایمانداری، وطن، دوستی، صفائی

اپنے اسکول کے بارے میں ایک مختصر پیراگراف لکھیں

گرمیوں کی چھٹیوں میں آپ نے کیا کیا؟ دس جملے لکھیں۔

ایک خوبصورت کہانی لکھیں جس کا عنوان ہو: "محنت کا پھل"۔

Mathematics

(100)

Q1: Numbers & Operations

1. Place Value & Rounding: Write the number 47,385 in expanded form. Round it to the nearest 100, 1,000, and 10,000.

2. Draw and label 5 triangle , 5 circle and 5 rectangle

3. 4. Fractions: Add and simplify: $\frac{3}{8} + \frac{5}{8}$. Then find $\frac{1}{2}$ of $\frac{3}{4}$.

Q2: Measurement & Geometry

1. Perimeter & Area: A rectangle is 14 cm long and 9 cm wide. Find its perimeter and area.

2. Time: A movie starts at 2:35 PM and runs for 1 hour 50 minutes. What time does it end?

3. Angles: Is a 120° angle acute, obtuse, or reflex? Draw it roughly and label it.

Q3: Word Problems:

a. A shop sold 245 apples on Monday, 189 on Tuesday, and 312 on Wednesday. How many apples were sold in total?

b. If each apple costs \$0.50, what was the total amount earned over the 3 days?

Note: Solve these questions in a separate copy.



Homework # 02

(50)

Project: Plan Your Dream Picnic

Goal: Use budgeting, multiplication, and data skills to plan a picnic for 6 people with a budget of \$50.

Note: Do this on a chatsheet

Science

(100 Points)

Homework # 01

(50)

Bones & Muscles: Write 5 main functions of our skeleton.

Draw and label a simple skeleton.

Label 6 bones: skull, spine, ribs, arm, leg, hand. Living Things:

Write the difference between living, non-living, and once-living things. Give 5 examples of each. Plants: Draw and label 4 parts of a plant: root, stem, leaf, flower. Write 1 function of each part. Environment:

List 5 ways to save water at home. Name 3 animals that live in hot places and write 1 special feature that helps them survive.

Homework # 02

(50)

Project Based Work

Topic: "Build a Strong Bridge"

Make a bridge model using household materials and test its strength.

How to do it: Materials needed: Cardboard, newspaper, tape, string, 2 books as supports Goal: Build a bridge that can hold 5 coins or 1 small toy car without falling

Submission:

Take 2 photos of your bridge. Paste one photo on A4 sheet and write 4 sentences: "How I made my bridge strong" YouTube Reference for Idea:

Search on YouTube: paper bridge experiment for kids grade 4

Link: youtube.com

Watch to get ideas only. Make your own design, do not copy exactly.



Computer

(100 Points)

Homework # 01

(50)

How has the rise of artificial intelligence changed the way we use smartphones and everyday apps? Give 3-4 examples of AI features you use in daily life.

Homework#02

Make a project topic **"My Dream Planet"** on Microsoft Word and submit your homework softcopy.

- ***Objective***: Create a one-page description of your imaginary planet.
- ***Tasks***: Write a description of the planet's environment, creatures, and climate. Insert 1-2 pictures, use headings, bullet points, and Word's basic formatting tools like bold, colors, and fonts to make it look creative.

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Winter Vacations Homework 2025-2026

Grade V

Name		Due Date	03-Jan-2025
G.R #		Total Points	500

English Language

(100 Points)

Homework # 01

(50)

Create a Scrabble Book based on an Adventure Park, a Fantasy Land, or any exciting place of your choice. Include at least 20 adventure-related words and decorate your book with suitable illustrations.

Homework # 02

(50)

Activity: "Create Your Own Comic Strip"

Materials Needed:

A4 paper or chart paper, Pencil and eraser, Colors/markers and Ruler

Instructions:

Divide the paper into 6 boxes to make a comic strip.

Create characters for your story.

Write a short story with a beginning, middle, and ending.

Add dialogues in speech bubbles.

Use at least:

5 adjectives, 3 action verbs, 2 punctuation marks correctly

Color and decorate the comic strip neatly.

Topic Ideas:

A Day at the Zoo

The Talking Pencil

My Superpower

Lost in Space

The Magical School Bag

Urdu

(100 points)

Homework # 01

ایک چارٹ پیپر تیار کریں جس میں درخت کی تصویر بنائیں اور اس کے فائدے اور اہمیت بیان کریں۔ (50)

Homework # 02

(50)

اپنی پسندیدہ شخصیت " کے بارے میں مضمون لکھیں اور اس کی خصوصیات بیان کریں .

اپنے پسندیدہ موسم پردس جملے لکھیں

سچائی اور ایمانداری پر ایک تفصیلی پیراگراف لکھیں اور بتائیں کہ یہ ہماری زندگی میں کیوں ضروری ہیں .

”اچھے دوست کی پہچان“ پر ایک مکمل پیراگراف لکھیں

ان الفاظ سے ایک چھوٹی کہانی لکھیں: لڑکا، اسکول، استاد، محنت، کامیابی

Mathematics

(100 Points)

Homework # 01

(50)

Write and learn multiplication tables from 11 to 15

Solve 3 digit decimal addition sums at least 20

Solve 3 digit decimal Subtraction sums at least 20

Homework # 02

(50)

Project: Design a Mini Theme Park

Goal: Use area, volume, ratios, and decimals to design a theme park on graph paper.

Note: For this use cardsheet.

Science

(100 Points)

Homework # 01

(50)

How do living things depend on each other and their environment for survival? Draw and label a food chain and explain it. Suggest the five ways to protect the environment.

Homework # 02

(50)

Build a model of water filtration to understand the process of water.

Computer

(100 Points)

Homework # 01

(50)

Create a digital poster on "Internet Safety Rules" using MS Word, PowerPoint, or Canva. Answer the following in your poster:

- What is Internet Safety?
- Why is it important to keep passwords secret?
- What should you do if a stranger contacts you online?
- Name any three websites that are safe for children.
- Write five Internet Safety Rules.

Instructions:

Add a suitable title.

- Include at least 2 pictures/icons.
- Use different fonts and colors.
- Save the file as YourName_InternetSafety.
- Submit the file via email.

Homework # 02

(50)

Using the internet, research "The History and Evolution of Computers."

Create a 2-page document in MS Word and include:

- Who is known as the "Father of the Computer"?
- Write about the five generations of computers.
- Find and insert one picture for each generation.
- Create a table showing:
- Generation Number



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- Time Period
- Main Technology Used
- Example Computer

Write 5 interesting facts about computers that you discovered during your research.

List the websites you used for research.

Instructions:

- Use proper headings and subheadings.
- Check spelling and grammar.
- Save the file as YourName_ComputerHistory.
- Submit the document by email. afshii.hashmi@gmail.com

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Winter Vacations Homework 2025-2026

Grade VI

Name		Due Date	03-Jan-2025
G.R #		Total Points	500

English Language

(100 Points)

Homework # 01

(50)

Essay Writing

Topic:

"Imagine You Woke Up in the Year 2100"

Instructions:

- Write 250–300 words.
- Give your essay a suitable title.
- Describe the future world, technology, and one challenge people may face.
- Use advanced vocabulary and correct grammar.
- Organize your essay into introduction, body, and conclusion.

Homework # 02

(50)

Activity: Create a News Report

Instructions:

Imagine an unusual event happened in your city or school.

Examples:

- A lion escaped from the zoo
- School turned into a space station
- It rained chocolates for one day
- Students will act as:
 - News Reporter
 - Witness
 - Police Officer / Principal / Scientist
- They must write a short news report including:
 - Headline
 - Place and time

- What happened
- Interviews or witness statements
- Conclusion
- Students present the report in front of the class like a real TV news channel.
- Materials Needed:
- Paper/notebook
- Simple props (optional)
- Marker colors

Urdu

(100 points)

Homework # 01

50 چارٹ پیپر پر ٹریفک سگنل کی تصویر بنائیں اور ٹریفک قوانین اور ان کی اہمیت لکھیں ۔)

Homework # 02

(50)

وقت کی پابندی پر ایک مختصر مضمون لکھیں اور بتائیں کہ اس کی کیا اہمیت ہے

روزمرہ استعمال کی 20 اشیا کے نام لکھیں اور ان کی تصویریں بنائیں

ایک اچھے طالب علم کی دس خوبیاں لکھیں

تعلیم انسان کی زندگی کو کیسے بدلتی ہے؟ تفصیل سے لکھیں

وقت کی قدر نہ کرنے سے کیا نقصان ہوتا ہے

Mathematics

(100 Points)

Homework # 01

50

Write and learn multiplication tables from 11 to 20.

Solve 3 digit multiplication sums at least 20

Solve 10 questions on fractions.

Solve 10 word problems.

Draw and label 10 geometrical shapes.

Homework # 02

(50)

Add hands-on homework

https://youtu.be/0GAzy7TEpqw?list=PLTnGIRXNGw0c8o5p_zvvu8YvCEYhpvfsJ

Science

(100 Points)

Homework # 01

(50)

“Explain climate change, including its causes, effects on humans, animals, and the environment, and suggest practical solutions to reduce it, with a labeled diagram of the greenhouse effect.”

On chart paper

Homework # 02

(50)

Create a model of the solar system using clay, foam balls or recycle materials, label all the planet

Computer

(100 Points)

Homework # 01

(50)

Using the internet, investigate a real cybercrime case (e.g., hacking, phishing, identity theft, or online fraud).

Prepare a 3-slide PowerPoint presentation and answer:

- What happened in the cybercrime case?
- How was the crime committed?
- Who was affected?
- What were the consequences?
- How could the incident have been prevented?
- List three cybersecurity tips learned from the case.

Instructions:

- Use at least 2 images.
- Mention your sources.



- Design the slides neatly.
- Save as YourName_CyberDetective.
- And sent by email ahashmi@pak.ilmforall.org

Homework # 02

(50)

Use any two AI tools (for example, ChatGPT and Google Gemini).

Ask both tools the same five questions and compare their answers.

Create a report in MS Word containing:

- The five questions you asked.
- The answer from each AI tool.
- Similarities between the answers.
- Differences between the answers.
- Which AI tool gave better answers and why?
- What are the advantages and limitations of AI tools?

Instructions:

- Create a comparison table.
- Include screenshots of at least two responses.
- Write a conclusion of 100–150 words.
- Save as YourName_AIComparison.
- And sent by email ahashmi@pak.ilmforall.org