



# CLASS 4



## WEEK 2

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
  - Or
  - b) Intergraded work
  - Or
  - 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 1<sup>st</sup> week will be uploaded on the website and on shared on WhatsApp groups by 8<sup>th</sup> 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 20<sup>th</sup> 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@gmail.com](mailto:ace@gmail.com).
14. Please note that you will receive the response of the email within 24 working hours up to 20<sup>th</sup> 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 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> 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.

[uzma@stanthonysft.edu.pk](mailto:uzma@stanthonysft.edu.pk)

[theodora@stanthonysft.edu.pk](mailto:theodora@stanthonysft.edu.pk)

[noveen@stanthonysft.edu.pk](mailto:noveen@stanthonysft.edu.pk)

[hinat@stanthonysft.edu.pk](mailto:hinat@stanthonysft.edu.pk)

[raheela@stanthonysft.edu.pk](mailto:raheela@stanthonysft.edu.pk)

## ENGLISH

### Activity 1.

Video link: <https://youtu.be/hgUnttJs1Vk?si=9bB6w-trEzoU2fRT>

#### Instructions

1. Listen to the video carefully, list 10 difficult words and write their meanings.
2. What moral do you learn from the video write your answer in 2-3 lines.
3. Please do all your written work on **foolscap sheets**.

### Activity 2. “My Dream Garden”

#### Instructions

1. Draw a **dream garden**.
2. Write **6–8 sentences** using **at least 8 adjectives**.  
(e.g., “The garden has soft green grass and colorful butterflies.”)
3. Practice reading your sentences aloud to a parent or sibling.



### Activity 3. Journal Writing

#### Instructions:

1. Write **8–10 sentences** about your daily routine in **simple present tense**.  
(e.g., “I wake up at 7. I brush my teeth.”)
2. Add **at least 3 adjectives** (e.g., hot tea, blue uniform).
3. Read your routine aloud like a morning news presenter!

## MATH

### ⚙️ Activity: Weather Watcher

Hint <https://www.youtube.com/watch?v=yPqRqjM8MOQ>



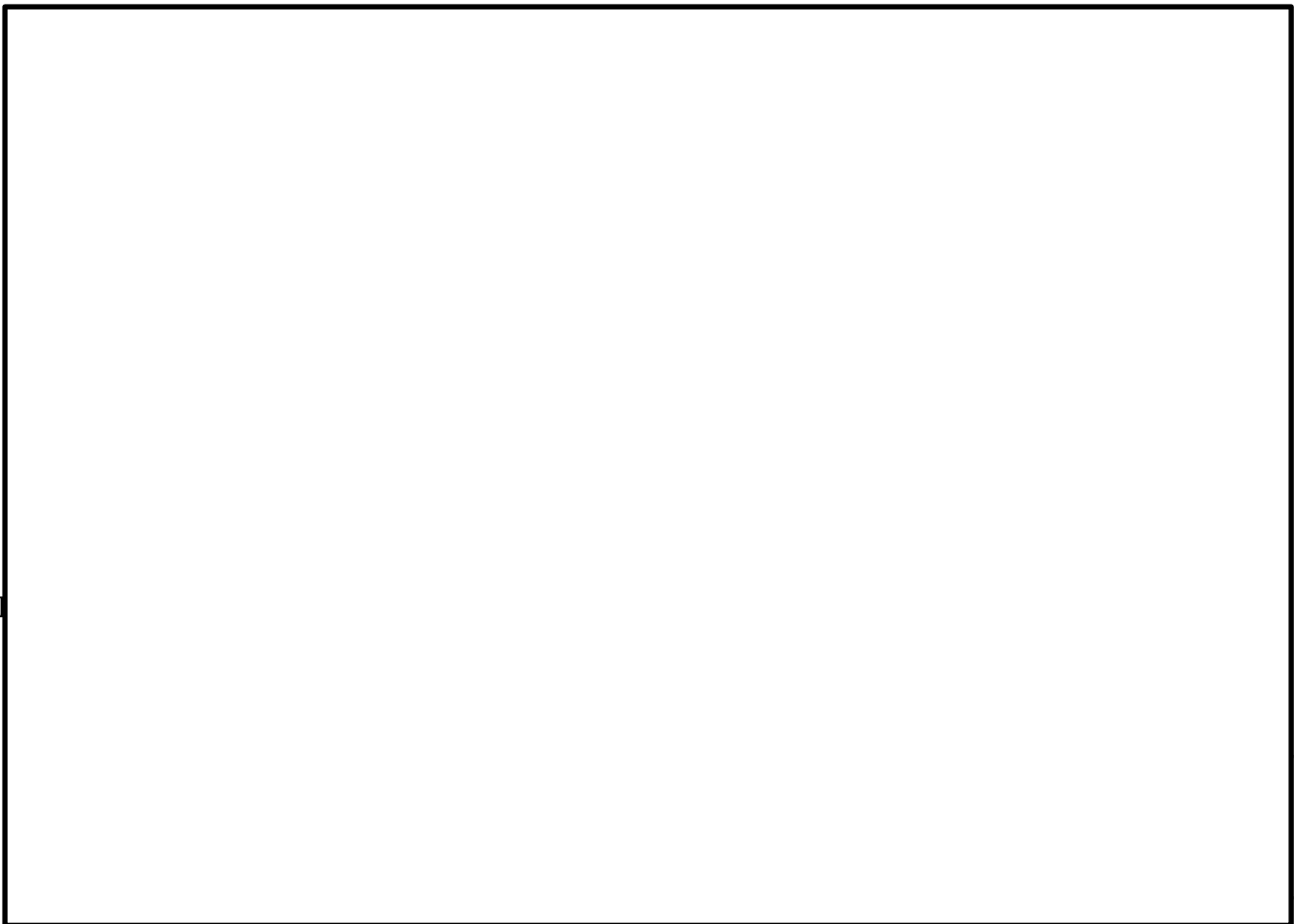
**Task:**

For the next 7 days, you will become a weather detective! Each day, you will observe and record the temperature, the main type of weather and mood.

| Day             | Temperature (°C) | Weather Type | Your Mood |
|-----------------|------------------|--------------|-----------|
| Example: Sunday | 32               | Sunny        | 😊 Happy   |
| Monday          |                  |              |           |
| Tuesday         |                  |              |           |
| Wednesday       |                  |              |           |
| Thursday        |                  |              |           |
| Friday          |                  |              |           |
| Saturday        |                  |              |           |
| Sunday          |                  |              |           |

**Q. Draw a line graph with Days on the x-axis and Temperature on the y-axis.**

Hint <https://www.youtube.com/watch?v=n2YkbdNORp8>



- How did the graph help you understand the week better?

---

- Which day had the highest temperature?

---

- How did your mood relate to the weather?

---

---

## SCIENCE

### Science in Real Life – My Visit to the Joy of Science Lahore

#### Instructions

Think about what you saw, touched, tried, and learned during your museum visit (class trip). Use your memory, your notebook (if you took notes), and your imagination to answer the questions below. Be honest, creative, and thoughtful in your responses.

#### Section 1: Observation and Reflection

- What was the most exciting exhibit or experiment you saw?

*(Hint: Think about how it looked, what it did, or how it made you feel.)*

---

---

---

- Was there something that surprised you or made you say “Wow”? Describe it.

*(What did you learn from it that you didn't know before?)*

---

---

---

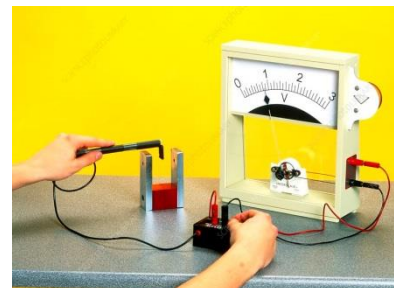
- If you could go back and spend more time with one exhibit, which would it be and what would you do differently?

---



- 
- 
- Did you touch or try anything? Describe how it felt to do a hands-on experiment.

*(Was it easy, hard, fun, or confusing?)*



## Section 2: Critical Thinking and Reasoning

- Choose one science concept you saw (like magnetism, sound, electricity, etc.). Explain it in your own words as if you're teaching a friend.



- 
- 
- Some experiments work only when you follow steps carefully. Can you describe one you saw that needed good timing, sequence, or teamwork?

- 
- 
- Think like a scientist! If you were to improve or change one experiment or display, what would you do to make it better or more exciting?

- 
- 
- Write two positive and negative points about the Joy of science.



## Section 3: Creativity & Imagination



- Imagine you are building your own mini-science museum. Name 2 cool experiments or exhibits you'd include, and explain why.

---

---

---

- Design a catchy slogan or poster title for your science museum! (Example: "Science is everywhere!")  
(Bonus: Draw a small sketch if you'd like!)



## SOCIAL STUDIES

**Q1: Observe the pictures and identify them.**



**Q2. Watch the Video Link and Answer the following questions**

<https://www.youtube.com/watch?v=SOCixRhRGDw>

**1. How is life in space different from life on Earth?**

---

---

---

**2.How is space travel possible for astronauts?**

---

---

**4. Is it possible for robots to operate on a space station?**

---

---

**5. Why do astronauts need to wear space suits? Explain how space suits help them.**

---

**Q3. Create a labeled drawing of a hydroelectric power system in given box and describe all the steps involved in producing electricity.**

**Step1: How is water stored?**

---

---

**Step 2: How does water flow down?**



---

---

**Step 3: How does a turbine spin?**

---

---

**Step 4: How does a generator produce electricity?**

---

---

**Step 5: How does water reach homes?**

---

---

---

## COMPUTER

**Topic: Creating Tables in MS Word**



**What to Do:**

1. Open **Microsoft Word** on your computer.
2. On **one Word file**, create **three different tables**—one after the other. Fill it accordingly, Search pictures from google, copy, paste and resize to adjust in table.

**Table 1 – Types of Computers**

| Numbers | Computer types      | Feature | Where to use? | Picture |
|---------|---------------------|---------|---------------|---------|
| 1       | Microcomputer       |         |               |         |
| 2       | Mini computer       |         |               |         |
| 3       | Main frame computer |         |               |         |
| 4       | Super computer      |         |               |         |

**Table 2 – Computer Accessories (3 Columns)**

| Number | Accessories of computer | What it does? | Picture |
|--------|-------------------------|---------------|---------|
| 1      | Headphone               |               |         |
| 2      | Webcam                  |               |         |
| 3      | UPS                     |               |         |
| 4      | Light pen               |               |         |
| 5      | Joystick                |               |         |

**Table 3 – Multimedia devices**

| Number | Multimedia device | What it does | Pictures |
|--------|-------------------|--------------|----------|
| 1      | Microphone        |              |          |

|   |          |  |  |
|---|----------|--|--|
| 2 | Speaker  |  |  |
| 3 | Camera   |  |  |
| 4 | Keyboard |  |  |
| 5 | DVD      |  |  |

3. Use **bold text**, **colors**, and proper alignment to make your tables look neat and attractive.

**Save the file as week 2.**

---

## ART

### Recycled Art Challenge – "Trash to Treasure!"

#### Task:

Use clean and safe waste materials from your home (like old CDs, plastic spoons, cardboard boxes, buttons, newspaper rolls, bottle caps, etc.) to create a decorative item such as:

- A pen stand
- A photo frame
- A flower vase
- A wall hanging

#### Instructions:

- Think about what you want to make and sketch a rough idea in your notebook.
- Choose what materials you'll need — try to use items that would otherwise be thrown away.
- Use only clean and dry recycled items.
- Ask an adult to help you if you're cutting or using glue.
- Carefully glue, tape, or tie the materials together to create your design.
- Add color or decorations (like paint, glitter, or ribbon) to make it look nice.
- Take 1–2 clear photos of your final product to share in class.

---

## URDU

موضوع : سائنس میوزیم کا دورہ  
مہارت: مشاہدہ، تجزیہ، اور تخلیقی اظہار

حصہ اول: مشاہداتی سوالات

۱۔ میوزیم میں داخل ہوتے ہی آپ کی نظر سب سے پہلے کس چیز پر پڑی اور اُس نے آپ کو کیا سوچنے پر مجبور کیا؟

وہاں موجود سائنسی ماڈلز میں سے کون سا ماڈل سب سے زیادہ حقیقت کے قریب لگا؟ اُس میں کون سی بات آپ کو سب سے مختلف لگی؟

آپ نے میوزیم میں کون سی ایسی چیز دیکھی جو آپ کے خیال میں مستقبل میں اور بہتر بنائی جا سکتی ہے؟ کیسے؟

حصہ دوم: تجزیاتی سوالات

آپ کے خیال میں بچوں کو سائنسی معلومات صرف کتابوں سے پڑھنی چاہیے یا تجربات بھی ضروری ہیں؟ اپنی رائے دیں۔

میوزیم میں موجود معلوماتی بورڈز اور رہنمائی کرنے والے افراد بچوں کے سیکھنے میں کیسے مددگار ثابت ہوئے؟

حصہ سوم: تخلیقی سوچ

۱۔ اگر آپ ایک ایسا روبوٹ بنائیں جو بچوں کو سائنسی میوزیم کی سیر کروائے، تو وہ کیسے کام کرے گا؟ اُس کی تین خاص باتیں لکھیں۔

میوزیم میں گزرا ہوا وقت آپ کو کیسا لگا؟ پانچ جملوں میں اپنی رائے لکھیں۔ ۲۔

حصہ چہارم: زبان و جذبات

میوزیم کی سیر کو ایک جملے میں بیان کریں جو آپ کے دل کی بات ہو۔

اگر آپ کسی ایسے بچے کو دعوت دینا چاہیں جو سائنس میں دلچسپی نہیں رکھتا، تو آپ اسے کیسے قائل کریں گے کہ میوزیم جانا ضروری ہے؟

---

---

حصہ پنجم: تخلیقی سرگرمی

سرگرمی ۱: میوزیم میں دیکھی گئی کسی ایک چیز کو ذہن میں رکھتے ہوئے ایک مختصر کہانی یا مکالمہ لکھیں۔ اس کہانی میں کم از کم دو کردار ہوں اور سائنسی چیز کا ذکر ضرور ہو۔

---

---

---

---

---

---

---

---

## ISLAMIYAT

سورة الكوثر کا ترجمہ:

إِنَّا أَعْطَيْنَاكَ الْكَوْثَرَ - فَصَلِّ لِرَبِّكَ وَأَنْحَرْ - إِنَّ شَانِئَكَ هُوَ الْأَبْتَرُ -

"بے شک ہم نے آپ کو کوثر عطا کی۔

پس آپ اپنے رب کے لیے نماز پڑھیں اور قربانی کریں۔

یقیناً آپ کا دشمن ہی بے نام و نشان ہے۔"

عملی مشق: سورة الكوثر اور ترجمہ زبانی یاد کریں۔

سونے کی دعا:

اللَّهُمَّ بِاسْمِكَ أُمُوتُ وَأَحْيَا:

"اے اللہ! تیرے نام پر ہی میں مرتا ہوں اور جیتا ہوں۔"

عملی مشق: سونے سے پہلے یہ دعا پڑھیں۔

