

BHAI PARMANAND VIDYA MANDIR
HOLIDAYS HOMEWORK
CLASS VIII (2026-27)

THEME: Inclusive Development for a Sustainable Future

GENERAL INSTRUCTIONS:

- Holiday Homework carries marks in assessment. Hence, submission of work post vacation is compulsory for all students.
- Parents are requested to only guide their children while doing the assignment.
- Originality of the work will be appreciated.
- The work must be done in a very neat and presentable manner. → Questions must be done in the given sequence.
- The child will be assessed for the handwriting, presentation, neatness, completion of all the given questions, indexing of the work.
- It is mandatory to do all the activities; however there may be internal choices.
- Do all the written work on A4 sized sheets (except where mentioned otherwise)
- For Submission, Keep all work subject-wise in separate clear bags or stick files.

हिंदी

सतत भविष्य के लिए समावेशी विकास

सामान्य निर्देश:-

- १ ग्रीष्मकालीन अवकाश कार्य A4 आकार के पृष्ठ पर करना अनिवार्य है।
- २ क्रमानुसार सभी प्रश्नों के उत्तर शुद्ध वर्तनी में पूर्ण कीजिए।
- ३ सभी गतिविधियों को स्पष्ट व सुंदर लेख में करना अनिवार्य है।
- ४ साहित्य व व्याकरण के कक्षा कार्य को कंठस्थ करें।



“सतत भविष्य के लिए समावेशी विकास” का आशय ऐसे संतुलित विकास से है, जो समाज के प्रत्येक वर्ग को समान अवसर प्रदान करता है। यह विकास केवल वर्तमान की आवश्यकताओं की पूर्ति तक सीमित न रहकर, भावी पीढ़ियों के अधिकारों और आवश्यकताओं का भी संरक्षण करता है। इसमें प्रकृति के साथ सामंजस्य रखते हुए

संसाधनों का विवेकपूर्ण उपयोग किया जाता है। अतः यह मानव की उन्नति और पर्यावरण संरक्षण के समन्वय का आदर्श रूप है।

क्रियाकलाप १ (अनुसंधान संबंधित कार्य)



प्रश्न १ “जल संरक्षण: हमारी जिम्मेदारी” इस विषय पर जानकारी एकत्रित कर के दो मित्रों के बीच हुई बातचीत को 100-120 शब्दों में संवाद के रूप में लिखिए।

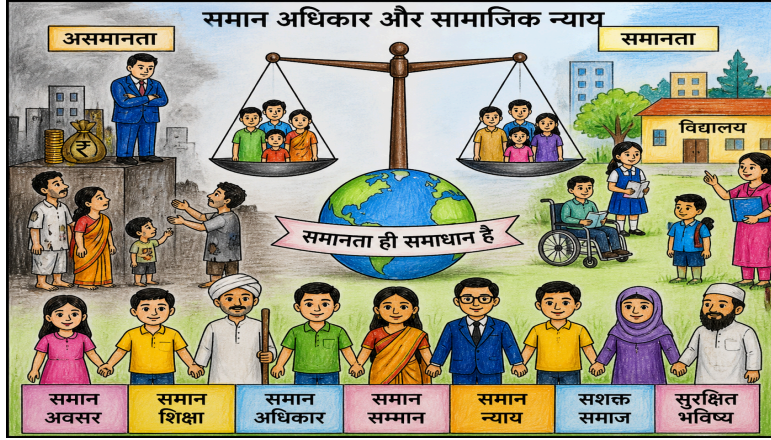
क्रियाकलाप २



“हरित ऊर्जा: उज्ज्वल और सुरक्षित कल” विषय पर 120-150 शब्दों में अनुच्छेद लिखिए।
संकेत बिंदु

- हरित ऊर्जा का अर्थ
- पारंपरिक ऊर्जा स्रोतों (कोयला, पेट्रोल) के दुष्प्रभाव
- पर्यावरण प्रदूषण और जलवायु परिवर्तन की समस्या
- हरित ऊर्जा के लाभ (स्वच्छ, नवीकरणीय, सुरक्षित)
- भविष्य की पीढ़ियों के लिए ऊर्जा संरक्षण का महत्व
- निष्कर्ष: हरित ऊर्जा अपनाने की आवश्यकता और जागरूकता

अथवा



दिए गए चित्र का 120-150 शब्दों में वर्णन करते हुए स्पष्ट कीजिए कि सामाजिक न्याय और समानता स्थापित करने के लिए हमें कौन-कौन से महत्वपूर्ण कदम उठाने चाहिए?

क्रिया कलाप ३ :शब्द संपदा स्मृति पत्रक (Flashcards)

दिए गए विषय से संबंधित 20 नए शब्द अर्थ सहित शुद्ध वर्तनी में लिखिए-
निर्देश:

1. आकार - 10 x 7 सेमी

2. विषय :-

1. सृजन और नवाचार (अनुक्रमांक १ से १५)
 2. मानवीय मूल्य और संवेदनशीलता (अनुक्रमांक १६ से ३०)
 3. शिक्षा से चरित्र निर्माण (अनुक्रमांक ३१ व उससे आगे)
- (नोट- 1 स्मृति पत्रक पर 10 शब्द आकर्षित रूप से)

[हिंदी कार्यपत्रिका](#)

SPANISH

- 1) Compare and contrast any two Spanish and Indian cities on the basis of food, culture, and traditions.
- 2) Create a video at a place such as a park, mall, or library, describing your life and your vacation experiences.
- 3) Choose one Spanish and one Indian artist, and describe their work, artistic style, and legacy.

SOCIAL SCIENCE

 TASK 1 –  

“Winds of Change: Major Global Movements that Shaped Nations”


 Assignment Details:

Students will work in groups within their section to research and analyse major global movements. Each group will focus on a different country and movement, encouraging collaborative learning and comparative understanding.

GROUP-WISE COUNTRY & MOVEMENT ALLOCATION

 **Group 1 (Roll No. 1–7) – France**

 French Revolution

 **Group 2 (Roll No. 8–14) – South Africa**

 Anti-Apartheid Movement

 **Group 3 (Roll No. 15–21) – Vietnam**

 Vietnamese Resistance Movement

 **Group 4 (Roll No. 22–28) – Indonesia**

 Indonesian National Revolution

 **Group 5 (Roll No. 29–35) – United States**

 Civil Rights Movement

 **Group 6 (Roll No. 36–42+) – Kenya**

 Mau Mau Uprising

RESEARCH WORK (TO BE DONE BY EACH GROUP)

A. Causes and Background

Analyse the root causes of the movement.

Identify the most significant factor and justify.

B. Nature and Strategy

Evaluate the methods used (violent and non-violent).

Examine the role of leadership vs mass participation.

C. Impact and Consequences

Analyse short-term and long-term impacts

D. History Meets the Future

1. Which specific SDG does your movement most closely represent? Explain why.
2. If the leaders of your movement were alive today, which modern global issue would they be most concerned about regarding their specific SDG?
3. If these movements were successful in the past, why do we still need the SDGs today? (Identify one thing that changed and one thing that remains a challenge).
4. Give one example of a modern law or organization in India that works toward the same SDG your movement was fighting for.

E. Reflection

What timeless lessons can we learn from this movement to solve modern problems?

CREATIVE GROUP TASK (COMPULSORY)

Choose ANY ONE:

Analytical timeline

Protest poster

FILE STRUCTURE (10-12 pages)

- Cover Page
- Index
- Introduction
- Movement Explanation
- Answers to Research Questions
- SDG corner
- Suggestions
- Conclusion
- Creative Work
- Webology

ASSESSMENT RUBRIC (20 MARKS)

Criteria Marks (5 marks each)

- Conceptual Understanding
- Analytical & Comparative Skills
- Creativity and presentation
- Practical Application

TASK 2 – “Ek Bharat Shreshtha Bharat – Craft Mela”

Assignment Details:

Students will bring India’s vibrant heritage to life by crafting handloom and handicraft models inspired by the unique traditions of different states.

Class Division & State Allocation:

VIII A – Jammu & Kashmir

VIII B – Punjab

VIII C – Rajasthan

VIII D – Sikkim

VIII E – Tamil Nadu

VIII F – West Bengal

TASK 3 - Practice builds perfection.

Worksheet link- [worksheet](#)

संस्कृत

आवश्यक निर्देश:-

* कार्य स्पष्टता व स्वच्छता से पूर्ण करें अर्थात् वर्णों की स्पष्टता का ध्यान रखें |

लिखित कार्य अभ्यास पुस्तिका में करें व उसको कंठस्थ भी करें|

ग्रीष्मावकाश गृहकार्य का मूल्यांकन भी किया जाएगा।

1. त्यज्, क्रुध्, भक्ष्, कूर्द, कुप्, भ्रम्, गर्ज्, इच्छ्, वस्, स्मृ, इन धातुओं के रूप लट्, लंग व लृट् लकार में लिखें व याद भी करें|

2. अपने परिवार व मित्रों के साथ या प्रकृति के साथ अच्छा समय व्यतीत करते हुए लगभग 5 छायाचित्रों (photo) को अपनी अभ्यास पुस्तिका में चिपकाएं व उनके के आधार पर चित्र वर्णन भी करें |

3. कृ धातु के तीन लकारों का काल के अनुसार उचित प्रयोग करते हुए 20 सरल संस्कृत वाक्य अपनी अभ्यास पुस्तिका में लिखें|

4. पांच पु. (अकारान्त, इकारान्त, उकारान्त) पांच स्त्री. (आकारान्त, इकारान्त, ईकारान्त) व पांच नपु. शब्दरूप अपनी अभ्यास पुस्तिका में स्पष्टता से पूर्ण तालिका बनाकर लिखें| शब्दरूप लिखने के लिए व्याकरण की पुस्तक की सहायता ले सकते हैं लेकिन रूप नए शब्दों के लिखने हैं | जैसे – यदि पुस्तक में मुनि के शब्दरूप हैं तो आपको मुनि नहीं अपितु भूपति, कवि या कोई अन्य इकारान्त शब्दरूप लिखने हैं |

SCIENCE

Subtopic: Scientific Solutions for Learning and Behavioral Disabilities in Children

Aim of the Activity

To investigate how science, technology, and innovative teaching methods can help children with learning and behavioral disabilities become active participants in society and contribute to a sustainable future.

Introduction

Not all children learn in the same way. Some children may have difficulty reading, writing, focusing, speaking, or managing emotions and behavior. These challenges are known as **learning and behavioral disabilities**.

Science and technology are helping such children through:

- Brain-based learning methods
- AI tools
- Assistive technologies
- Sensory learning techniques
- Therapy and special education strategies

A sustainable future is possible only when every child receives equal opportunities to learn and grow.

To better understand these challenges and explore scientific solutions that can support every child, let us begin our research journey through the following activity.

Task 1 – Scientific Research

Step 1: Choose any one topic from the following list:

- Dyslexia
- ADHD (Attention-Deficit/Hyperactivity Disorder)
- Autism Spectrum Disorder (ASD)
- Dysgraphia
- Speech and language disorder
- Anxiety-related behavioral difficulty

Step 2: Research Questions

1. What is the disability/disorder?
2. Which part of the brain or nervous system is affected?
3. How does it affect learning and behavior?
4. Is it genetic, environmental, or both?
5. What changes occur in the brain of children with this disability?
6. Which two technologies help these children?
7. What role does artificial intelligence play in inclusive education?
8. Which Sustainable Development Goals (SDGs) are connected to inclusive education?

Task 2 – Hands-On Science Task

Build an Innovative Prototype

Design a scientific solution such as:

- Smart reading pen
- AI homework helper
- Focus-improvement device
- Sensory learning kit
- Emotion-detecting classroom tool

Explain:

- Scientific principle involved

- Materials used
- How it helps children learn better

Task 3 – Case Study

Research ONE famous person with a learning disability who succeeded in life.

Examples:

- Temple Grandin
- Albert Einstein
- Richard Branson

Include:

- Challenges faced
- Scientific/educational support received
- Achievements
- Inspirational message

Prepare your final project including:

- A model or prototype of your idea
- Prepare a short yet impactful explanation of your project idea by thoughtfully answering the research-based questions in **Task 1** and the **Case Study in Task 3**. Let your ideas reflect creativity, problem-solving, and scientific thinking. Make your presentation more engaging by adding relevant pictures, diagrams, charts, or real-life examples to support your research and explain your ideas effectively.

MATHEMATICS

METHODOLOGY:

Students are required to complete the given tasks using real-life data, calculations, and graphical representation.

WHERE TO DO:

A4 Size Ruled Sheets

Introduction

Inclusive development means growth and progress that benefits every section of society equally. A sustainable future can only be achieved when people have equal access to education, healthcare, clean water, electricity, transportation, technology, and employment opportunities.

Mathematics helps us study data, compare resources, calculate percentages, analyze trends, and make informed decisions for improving society.

In today's world, governments and organizations are working towards sustainable development by improving public facilities and reducing inequality among people. Through this project, students will explore how inclusive development can improve the quality of life while protecting resources for future generations.

Exploring the Connection

As we study inclusive development, we will understand how mathematics is used in:

- Comparing living conditions of different countries
- Measuring literacy, employment, healthcare, and energy access
- Studying population growth and resource distribution
- Understanding sustainable development goals
- Interpreting graphs, percentages, ratios, and data trends

Students will also learn how technology and government schemes help create equal opportunities for all citizens.

Research Work: Comparative Analysis of Inclusive Development Indicators:

Developed vs Developing Countries

Developed countries generally have better infrastructure, healthcare, education, and technology, while developing countries are still improving these facilities with limited resources.

Undertake research on the countries assigned to you based on your roll number + the entire class needs to collect data for India too.

Roll Numbers	Assigned Developed Country	Assigned Developing Country
1 – 5	Norway	Nepal
6 – 10	Canada	Bangladesh
11 – 15	Germany	Ethiopia
16 – 20	Japan	Kenya
21 – 25	Sweden	Pakistan
26 – 30	Australia	Sri Lanka

31 – 35	United Kingdom	Uganda
36 – 40	Singapore	Myanmar
41 – 46	France	Sudan

TASK 1

For your assigned countries and for India, collect the following data of last 3 years and present it in tabular form:

1. Total population of each country
2. Literacy rate (%)
3. Employment rate (%)
4. Percentage of people having access to electricity
5. Percentage of people having access to clean drinking water
6. Internet users as percentage of population
7. Per capita income of each country
8. Human Development Index (HDI) of each country
9. Total renewable energy production of each country
10. Percentage of urban and rural population

TASK 2 (Do any 10 questions)

1. If the population of your developing country is increasing at a constant rate every year, write a linear equation representing population growth over time.
2. If the literacy rate of a developed country increases by a fixed percentage every year, represent it algebraically.
3. A report states that internet access in developed countries increased slowly, yet the actual number of new users added was greater than both India and the developing country combined. Prove or disprove this statement using your collected data.
4. A sustainability analyst claims that if renewable energy production becomes a perfect square after multiplying by only one digit, then the country's energy growth is "mathematically stable." Test this claim for your three countries.
5. The cube root of the rounded population of one country is nearly equal to the square root of the internet users of another country. Identify if the statement is true for your allotted countries.
6. Your developed country showed only a 2% increase in literacy, while the developing country showed a 15% increase. Yet, the developed country still remained ahead. Explain mathematically why higher percentage growth does not always mean higher development.

7. A report says that internet growth in India follows exponential growth while employment growth follows linear growth. Using your data trends, justify whether the statement seems correct.
8. If the renewable energy production of your developed country is multiplied by the literacy rate of India, will the product be closer to a perfect square or a perfect cube? Verify mathematically.
9. If the internet users of your developing country continue doubling every decade, estimate whether the value after 30 years would exceed the present population of the country.
10. One country improved clean drinking water access by 12%, while another improved from 95% to 100%. Determine which country achieved greater actual development and justify carefully.
11. The renewable energy production values of your three countries are written in scientific notation(standard form). Compare their exponents and explain what the difference in powers of 10 reveals about development.
12. A sustainability researcher claims that the country with the highest per capita income should also have the highest renewable energy production per person. Verify this using your collected data.
13. Using the collected data for your developed country, developing country, and India, calculate the Human Development Index (HDI) for the latest year. Show all the steps involved in calculating the HDI for each country.
14. A developed country has a very high per capita income and already provides electricity access to nearly all its population. Therefore, even if new electricity connections are added, the percentage growth appears very small. Explain mathematically why countries with high per capita income often show slower percentage growth in basic facilities like electricity access.
15. A developing country's renewable energy production increased by 400%, while a developed country's renewable energy production increased by only 50%, yet the developed country still produces more renewable energy overall. Explain mathematically why a higher percentage increase does not always mean greater total production.

NOTE :- (1) Students need to prepare the bibliography for providing the information regarding the sources of the data they have collected through their research work.

(2) Do Ch 3 from your mathematics textbook on A 4 size sheets.

WORKSHEET LINK:

Worksheet 1 [Worksheet 1](#)

Worksheet 2 [Worksheet 2](#)

ENGLISH

1. TASK 1: PARAGRAPH WRITING

TOPIC 1- If I Could Pause, Rewind, and Fast-Forward Life

Methodology- *While writing the paragraph, follow these steps carefully:*

1. Your paragraph should include:
 - **Introduction**
 - **Main Body**
 - **Conclusion**
2. Proofread before submission.

Students may include suitable phrases such as:

- “If given the power to control time...”
- “Life often moves faster than we realise.”
- “There are moments I wish I could hold onto forever.”
- “Some memories deserve to be relived again and again.”
- “Time teaches lessons that words often cannot.”
- “Every moment leaves behind a meaningful lesson.”
- “Looking back, I realise that...”
- “Certain experiences shape our identity forever.”
- “The past carries both memories and wisdom.”
- “Life is a journey filled with unexpected turns.”

MATERIAL REQUIRED: Use A4 sized sheets for this topic.

TASK 2- PEN YOUR THOUGHTS

Choose any one of the following modes of expression:

- **Paragraph Writing**
- **Speech Writing**

Choice 1- Paragraph Writing- Choose any one out of the following-

- The Strength of a Nation Lies in Its People
- The Role of Youth in Fighting Climate Change
- If Governments Were Graded Like Students
- Discipline Is the Bridge Between Goals and Achievement
- The Role of Media in Shaping Opinions
- Education Beyond Textbooks
- The Power of being Optimistic
- Technology Is a Tool, Not a Substitute for Humanity

Write the paragraphs as per the following instructions. Word Limit 150- 200 words.

Instructions to be followed:

- Use meaningful and topic-related vocabulary words in your writing.
- Include at least **5 vocabulary words** given below in each paragraph.

- Use suitable idioms and expressions provided below to make your writing more expressive.
- Avoid repeating the same words again and again.
- Focus on correct grammar, spelling, punctuation, and sentence formation.
- Read your paragraph after writing and correct your previous mistakes.
- Maintain neat handwriting and proper presentation.

Vocabulary to be used:

Tenacity, Prudence, Vigilance, Resilience, Discernment, Integrity, Perseverance, Foresight, Innovation, Consciousness, Adaptability, Meticulousness, Pragmatism, Conscientiousness, Endurance, Redemption, Irrevocable, Vulnerability, Reminiscence, Retrospection

Idioms & Expressions to use:

- “United we stand, divided we fall.”
- “Every drop makes an ocean.”
- “The heart and soul of the country”
- “Small steps can move mountains.”
- “The future lies in our hands.”
- “Practice what you preach.”
- “Promises mean little without implementation.”
- “Rome was not built in a day.”
- “Save today for a better tomorrow.”
- “Not everything that glitters is gold.”
- “Education is not preparation for life; education is life itself.”
- “Rules exist for a reason.”

MATERIAL REQUIRED: Use A4 sized sheets for this topic.

Choice 2- Speech Writing-

DESCRIPTION: Speech is the art of conveying a message to the audience through words. The speech is considered best if it is written to engage the audience and hold their attention from the starting to the end.

Topic: ‘Technology and Sustainability: Changing Our Lives’

Imagine Elon Musk visited your college and spoke on “Technology and Sustainability: Changing Our Lives”. Write that speech describing the importance of sustainable technology.

Guidelines for Students:

- Word limit: 300–500 words
- Also, the speech can include the incidents which will inspire everyone with reference to the topic.
- End with a call to action or a powerful message.

- Try including tech terms, eco facts, or inventions (real or imagined).
- You can add dialogues, quotes, or even a touch of humor.

PHRASES TO USE IN THE SPEECH:

- “One of the most compelling aspects of this issue is...”
- “It would not be an exaggeration to say that...”
- “The significance of this matter becomes even more evident when we consider...”
- “Beyond the surface-level understanding lies a much deeper concern...”
- “The root cause of the problem can largely be attributed to...”
- “If examined critically, it becomes evident that...”

Reference: Notable Speeches on Technology and Sustainability:

1. https://www.ted.com/talks/marielle_remillard_the_economic_opportunity_hidden_in_the_climate_transition?utm_campaign=tedsread&utm_medium=referral&utm_source=tedcomshare
2. [Bill Gates: Innovating to Zero! \(TED Talk\)](#)
3. [Tilmann Santarius: Smart Green World? Making Digitalization Work for Sustainability](#)

MATERIAL REQUIRED: Use A4 sized sheets for this topic.

3. TASK 3- BOOK REVIEW

DESCRIPTION: A book review is a description and a critical evaluation of a book where a book is described or analyzed based on content, style, and merit. Now it's your turn to write a book review.

Name of the novel as per Roll Numbers . Consider the Serial number as your Roll Number.

1. **Wings of Fire — A. P. J. Abdul Kalam**
2. **Pollyanna — Eleanor H. Porter**
3. **Hatchet — Gary Paulsen**
4. **Ignited Minds — A. P. J. Abdul Kalam**
5. **The Little Prince — Antoine de Saint-Exupéry**
6. **The School for Good and Evil — Soman Chainani**
7. **Wonder — R. J. Palacio**
8. **Out of My Mind — Sharon M. Draper**
9. **Charlotte's Web — E. B. White**
10. **I Am Malala — Malala Yousafzai**
11. **You Are Awesome — Matthew Syed**
12. **The Alchemist — Paulo Coelho**
13. **Refugee — Alan Gratz**
14. **The Sea of Monsters — Rick Riordan**
15. **The Secret Garden — Frances Hodgson Burnett**
16. **The Hobbit — J. R. R. Tolkien**

17. **Alex Rider: Stormbreaker — Anthony Horowitz**
18. **Anne of Green Gables — L. M. Montgomery**
19. **Fish in a Tree — Lynda Mullaly Hunt**
20. **The Girl Who Drank the Moon — Kelly Barnhill**
21. **The Wild Robot — Peter Brown**
22. **Aru Shah and the End of Time — Roshani Chokshi**
23. **The Boy at the Back of the Class — Onjali Q. Raúf**
24. **The Explorer — Katherine Rundell**
25. **Bridge to Terabithia — Katherine Paterson**
26. **Coraline — Neil Gaiman**
27. **Matilda — Roald Dahl**
28. **Tuck Everlasting — Natalie Babbitt**
29. **The Phantom Tollbooth — Norton Juster**
30. **Percy Jackson and the Lightning Thief — Rick Riordan**
31. **The Railway Children — E. Nesbit**
32. **The War That Saved My Life — Kimberly Brubaker Bradley**
33. **Because of Winn-Dixie — Kate DiCamillo**
34. **The Book Wanderers — Anna James**
35. **The Lion, the Witch and the Wardrobe — C. S. Lewis**
36. **Pax — Sara Pennypacker**
37. **The Unteachables — Gordon Korman**
38. **Ghost — Jason Reynolds**
39. **The Incredible Journey — Sheila Burnford**
40. **Inkheart — Cornelia Funke**
41. **The Night Diary — Veera Hiranandani**
42. **Momo — Michael Ende**
43. **The House with Chicken Legs — Sophie Anderson**
44. **The Ogress and the Orphans — Kelly Barnhill**
45. **A Wrinkle in Time — Madeleine L'Engle**
46. **Sweep: The Story of a Girl and Her Monster — Jonathan Auxier**

TASK 1: Read the novel.

TASK 2: On the basis of your understanding of the novel, answer the following questions -

1. What according to you is the central theme of the novel?
2. If you could step into the shoes of any particular character, whom would you choose and Why? How would you then change the course of the novel?
3. If you could change any one incident in the novel, what would it be and why? How will that affect the course of the novel?
4. Rewrite the ending/continue the story and give an alternate ending.

5. If you wish to add a sequel to the novel, describe what the next part of the story would be about. Mention the possible challenges, adventures, or growth of the characters in your sequel.

POINTS TO REMEMBER:.

- Design the cover page.
- Supplement the book review with some pictures.

MATERIAL REQUIRED: Use A4 size sheets (Any light color or plain)

TASK 4 – WORD POWER FLASH CARDS

DESCRIPTION: Words have the power to express ideas, emotions, and change. Create colourful and meaningful flash cards to strengthen your vocabulary.

METHODOLOGY:

- Create a set of 20 flash cards using rectangular pieces of paper/card sheets.
- Each flash card should be of the same size — 15 cm × 10 cm.
- Each word should contain at least 8-10 letters.
- On the front side of the flash card, write: The Word, its meaning, part of speech and one self-created sentence.
- On the back side, draw a picture, symbol, doodle, or illustration related to the word..

MATERIAL REQUIRED:

Use rectangular card sheets/thick paper.