



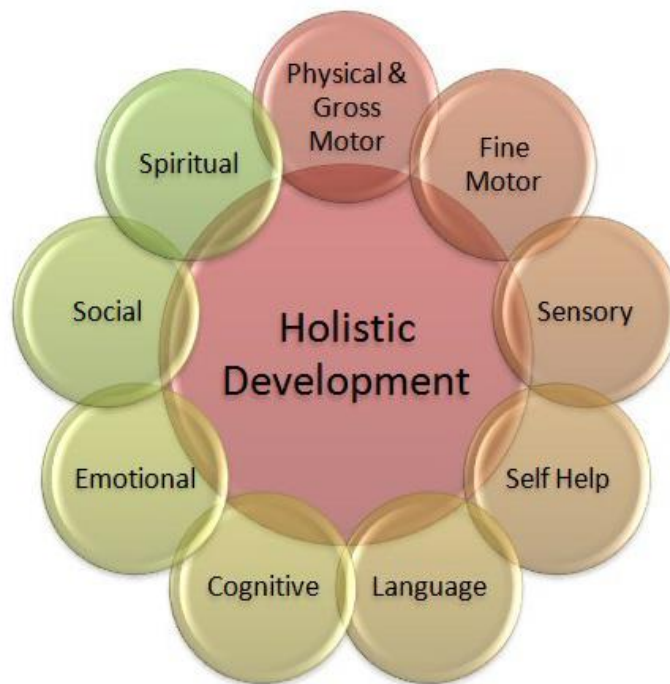
DPS KOCHAS & KIDS - ZONE

DEVELOPING MY SKILLS

SUMMER VACATION HOLIDAY HOMEWORK

SESSION : 2023 – 24

CLASS : 9



Dear Parents,

We wish you and your child a very happy summer holiday. It's time to enjoy and create a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of "learning by doing" for his/her holistic development.

Kindly ensure that the holiday homework is completed by the students under the guidance of the parents.

Dear Children,

It's time for the summer vacation, and it is the time where we have fun with our family members. So we have designed some fun projects for your holidays that will help you learning with enjoyment along with your family.

REMEMBER

Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.

Complete and submit the holiday homework according to the dates given. Note down these dates carefully as late submission after these dates is not acceptable and you will be losing the marks/grades for the same if you miss the date.

BE A WONDERFUL HUMAN BEING: KEEP IN MIND TO

- ✓ Follow a schedule during holidays. Be a good time manager.
- ✓ Read newspapers daily and stay updated with current affairs.
- ✓ Do the homework independently, only ask for assistance from your parents or guardians
- ✓ Give time to pursue your hobby.
- ✓ Appreciate nature and go for "Nature Walks", plant trees and spread the message of Nature Conservation"
- ✓ Remember to have a wide mouth container filled with water outside your house for the birds to get respite from the scorching heat.
- ✓ Be a helping hand to your parents and learn the skill of shared responsibility.
- ✓ Spend time with your parents and grandparents, their rich experience will help you overcome challenges with ease.
- ✓ Keep the home clean and mess free.
- ✓ Water the plants and rejoice the beauty of nature.

Hindi



निम्नलिखित दिए गए गृह कार्य को क्लास वर्क कॉपी में करें -

1. प्रेमचंद द्वारा लिखित 'गबन' या गोदान के बारे में जानकारी प्राप्त कर लिखे।
2. अपने यात्रा वृत्तांत की खटे-मिठे यात्रा का वर्णन करते हुए एक लघु निबंध तैयार करें।
3. आज की उपभोक्ता संस्कृति हमारे रीती- रिवाजों और त्योहारों को किस प्रकार प्रभावित कर रही हैं ? अपने अनुभव के आधार पर एक अनुच्छेद लिखिए।
4. कबीर की जीवनी लिखे। तथा उनके दस दोहों को चार्ट पेपर सुसज्जित कर लिखे।
5. श्री कृष्ण के बाल रूप का चित्रांकन चार्ट पेपर पर कर उनके बचन का वर्णन करें।
6. उक्रेन और रूस के बीच चल रहे युद्ध के आधार पर युद्ध विषय पर एक वार्तालाप तैयार करें।
7. क से भ तक के वर्णों से पाँच-पाँच शब्दों का एक शब्द कोष बनाएँ।
8. १ जून से १० जून की अखबारों की ५ – ५ सुर्खियाँ लिखें।
9. आप पर्यावरण को स्वस्थ सुरक्षित और स्वस्थ कैसे रखेंगे? इसके बारे में विवेचना कीजिये तथा इस विषय पर एक पोस्टर बनाइये अथवा चित्रों की सहायता से एक स्लोगन लिखिए।
10. “ग्रीष्म ऋतु ” पर अनुच्छेद लिखें। (लेखन बिंदु) –
 - ऋतु की अवधि
 - प्राकृतिक परिवर्तन
 - खान – पान
 - फल – सब्जियाँ
 - त्यौहार

- प्रभाव
- पसंद या ना पसंद

Maths



Solve or Do the all the following homework in classwork copy

1. If $x = (2 + \sqrt{5})^{\frac{1}{2}} + (2 - \sqrt{5})^{\frac{1}{2}}$
 $Y = (2 + \sqrt{5})^{\frac{1}{2}} - (2 - \sqrt{5})^{\frac{1}{2}}$
 then, evaluate $:(x^2 + y^2)$
2. Find the value of $(5\sqrt{6} + 3\sqrt{6})$
3. If x and y are rational and irrational numbers respectively then, Is $(x + y)$ and xy necessarily an irrational number? Justify your answer.
4. If $a = \frac{\sqrt{2}+1}{\sqrt{2}-1}$ & $b = \frac{\sqrt{2}-1}{\sqrt{2}+1}$, then find the value of $a^2 + b^2 - 4ab$.
5. If $a = 3 + 2\sqrt{2}$, then find the value of (i) $a^2 + \frac{1}{a^2}$ (ii) $a^3 + \frac{1}{a^3}$
6. If $x^2 + \frac{1}{x^2} = 34$, find $x^3 + \frac{1}{x^3} - 9$
7. If $x + \frac{1}{x} = 3$, find the value of $x^4 + \frac{1}{x^4}$.
8. If a, b, c are all non- zero and $a + b + c = 0$ Prove that $\frac{a^2}{bc} + \frac{b^2}{ca} + \frac{c^2}{ab} = 3$
9. Prove the factor theorem.
10. If $(x-2)$ is a factor of $x^5 - 3x^4 - ax^3 + 3ax^2 + 2ax + 4$. find the value of " a ".
11. Practice and complete linear equation in two variables (Each exercise) of R.S. Aggarwal.
12. Practice and solve lines and angles (geometry) of R.S. Aggarwal & NCERT
13. Write the name of all important common trains, their routes, force, timing etc.
14. Comment on Education minister of Bihar on A4 size paper and put in a stick file.
15. Why is Mathematics important? Comment on A4 size paper and put in a stick file.

16. Write short notes about your school, Teachers parents, Friends best friends and Ideal person of your life. On A4 size paper and put in a stick file.

Science

 **Write the following homework in classwork copy.**

1. Write and remember question / answer of chapter- motion, Matter around us and cell-basic unit of life.
2. Write and remember name and symbol of elements from atomic number 1 to 30. Also write their atomic weight.
3. Write and remember the name of at least 30 chemical compound with their Formula.
4. Make a labelled diagram of following on chart paper.
 - I. Plant cell- Roll no- 1 to 15
 - II. Animal cell- Roll no- 16 to 30.
 - III. Prokaryotic cell- Roll no. 31 to 45.
 - IV. Chloroplast- Roll no- 46 to 60
 - V. Mitochondria- Roll no- above
5. Derive equation of motion by Mathematical and graphical method both.
6. Write and remember unit of 15 physical quantities.
7. Derive the mathematical expression of newton's 2nd law and conservation of momentum.
8. Write the scientific name of 10 vegetables. Animals and grains.
9. Write 20 multiple choice question from chapter motion, matter agendas and cell-basic unit of life.

10. Write the answer of all reasonable questions given in classwork copy.

11.

English



Write the following homework in classwork copy.

1. Make a list of 20 collective nouns from old newspaper.

2. Convert into Abstract noun.

I. Destroy

II. Create

III. Sweet

IV. Weak

V. Real

VI. Child

VII. False

VIII. Punish

IX. Settle

X. Waste

3. Write in degree forms.

a) Rich

b) Old

c) Young

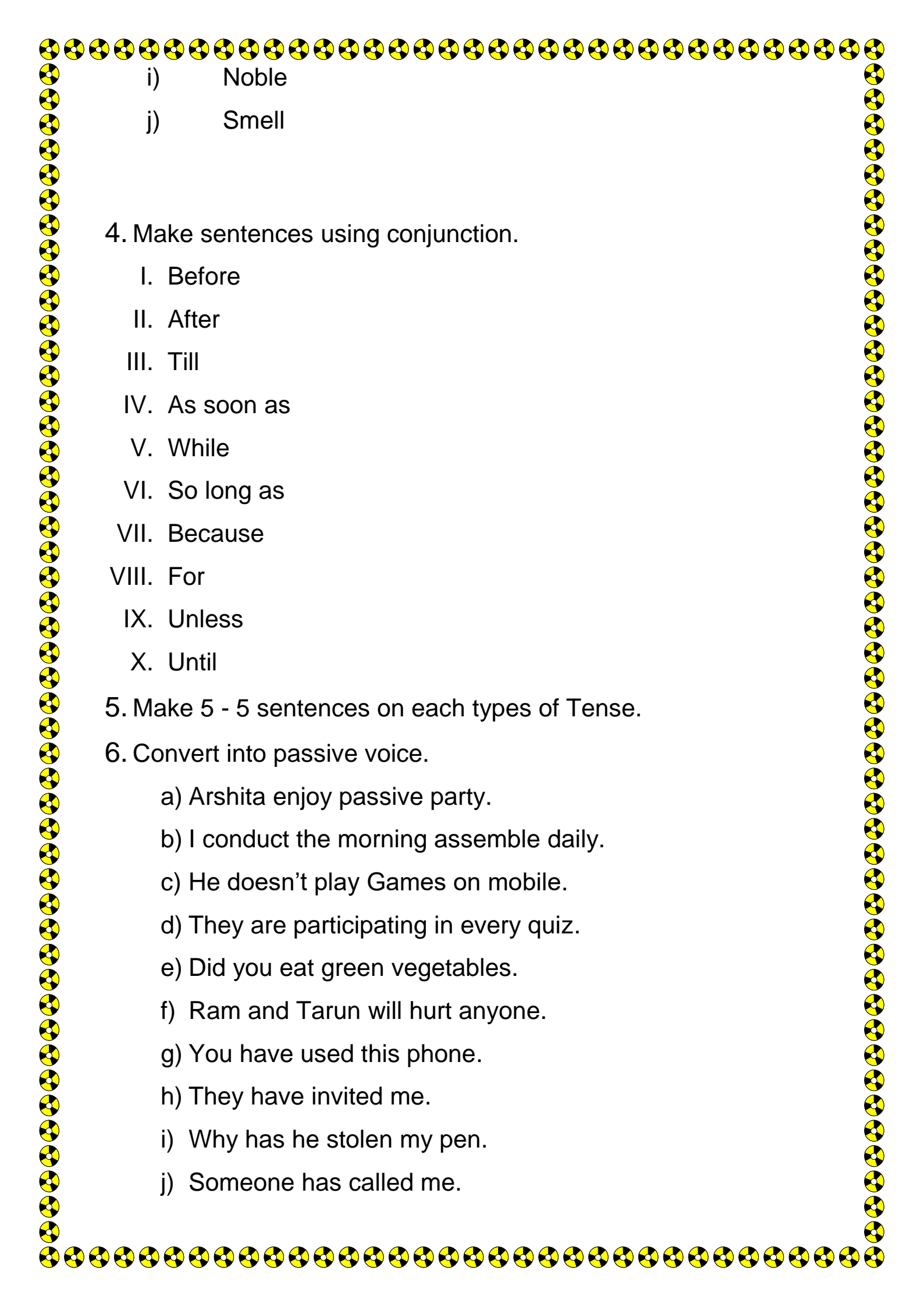
d) Small

e) Wealthy

f) Poor

g) Smart

h) Sweet

- 
- i) Noble
 - j) Smell

4. Make sentences using conjunction.

- I. Before
- II. After
- III. Till
- IV. As soon as
- V. While
- VI. So long as
- VII. Because
- VIII. For
- IX. Unless
- X. Until

5. Make 5 - 5 sentences on each types of Tense.

6. Convert into passive voice.

- a) Arshita enjoy passive party.
- b) I conduct the morning assemble daily.
- c) He doesn't play Games on mobile.
- d) They are participating in every quiz.
- e) Did you eat green vegetables.
- f) Ram and Tarun will hurt anyone.
- g) You have used this phone.
- h) They have invited me.
- i) Why has he stolen my pen.
- j) Someone has called me.

7. Write a paragraph on "Summer Season" in about 150 – 200 words.

8. Write synonyms

- I. Mythical
- II. Narrow
- III. Naughty
- IV. Necessary
- V. Notorious
- VI. Obvious
- VII. Owner
- VIII. Rainy
- IX. Puzzle

9. Peasant Write antonyms.

- I. Victory
- II. Vacant
- III. Tutor
- IV. Tourist
- V. Stupid
- VI. Scholar
- VII. Religious
- VIII. Ready
- IX. Safety
- X. Orator

10. Write the meaning of these phrasal verb

I. Fall away-----

II. Feel for-----

III. Finish up -----

IV. Get along-----

V. Get away -----

VI. Keep on-----

VII. Live on-----

VIII. Hang on-----

IX. Look for-----

X. Look after-----

11. Remember all question-Answers of Ch-1 English literature from both book.

12. Make a chart paper on “Digital India” and write about it.

13. Write and remember all question answers from “Behave’ ch-1”

14. Write and remember all question-answers from ‘Moments’ ch-1

15. Daily write one page Diary – Entry about your daily routine in vacation.

16. You are Vaibhav, Vaibhavi you are asked to write an article for the school magazine on “Climate Change”. Use your ideas and given below :

Human activity, burning fossil – fuels, release CO₂, rise in earth temperature, sea level changes, seasons flora – fauna.

17. Write a letter to editor to show the burning issue of water in society.

18. Write a self-composed poetry on the given topic

- Music
- I am blessed.

S.st



Write the following homework in classwork copy.

- 1) What led to French revolution? Give 10 points.
- 2) Make a flow chart of the French society of 18th century.
- 3) How a subsistence crisis happens fill the flow chart page No-varies.
- 4) In an A-4 size paper draw the political sentence under the constitution of 1791.
- 5) Draw the political symbols of the French Revolution.
- 6) In a world political map label with different colours the 7 continents.
- 7) In a political map of the India sub-continent label the neighbouring countries with different colours.
- 8) Find out-the longitudinal and latitudinal extent of your state.
- 9) Collect information about the silk route.
- 10) What has reduced the distance from Europe the India?
- 11) Name the states that lie on the tropic of cancer.
- 12) Draw a picture of village showing all the facilities that Palampur has.
- 13) Define the organisation of production.
- 14) Draw the modern farming methods.
- 15) Name 20 countries which are democratic and 20 undemocratic.
- 16) Write 10 differences between democratised and non-democratised government.
- 17) Write or narrate the summary of French revolution till it achieves independence.

Computer



Write the following homework in classwork copy.

1. What is list in HTML? Write types of list in HTML.
2. Write all basic structure of list in HTML. ``, ``, and `<DL>`.
3. Write any 5 HTML program using `<Table>`, `<Marquee>`, ``, `` and `<DL>`
4. Draw the picture of Mother board with the name of its component and write about it in chart paper.

Important Pointers for Holiday homework

- Holiday Homework needs to be done in neat handwriting.
- Activities should be presented beautifully with excellent creativity.
- Holiday Homework is mandatory to be done by all the students and It is submit in school on 14th & 15th June – 2023, after this school is not responsible for that.
- गृह कार्य विद्यालय में जमा करने का निर्धारित समय दिनांक 14/6/2023 एवं 15/6/2023 तक रखा गया है इसके बाद गृह कार्य जमा नहीं किया जाएगा जिसके जिम्मेदार आप स्वयं होंगे।

