



DAV PUBLIC SCHOOL

SARABHA NAGAR EXTENSION

CBSE AFFILIATED

SUMMER ASSIGNMENT

CLASS VII

SESSION 2017-18



Class VII

Dear Parents

The most awaited vacation of the year are around the corner. It is a wonderful time to relax, enjoy ice-creams and spend quality time with our families. At the same time, it is a time to revise the work done in the previous months. Here are some suggestions to make the vacation a memorable one.

- Play with them, tell them stories and talk to them about their problems, aspirations etc.
- Tell them anecdotes and share your experiences about summer vacations when you were in school and give them a glimpse into your childhood.
- Help them set and achieve goals for self-improvement and motivate them by your own active participation (for example managing anger, meditating for calmness, cycling and yoga for fitness)
- Encourage them to read, dance, paint and sing. Motivate them to pursue a hobby.
- The homework assignments and activities are designed to help the students explore their own creativity as they attempt each of the fun-filled subject enrichment activities. Help them to create something truly magical in the process.
- Focus and develop an effective diet routine for your child and always remind him/her to stay hydrated by drinking a lot of water and fluids.
- Talk to your child about the bigger purpose of their life and life skills. Cultivate positive perspective towards life.

I hope that these suggestions would help to cement the bond between you and the children as well as help us to work as partners in shaping an extraordinary future for our kids.

Warm wishes,

Dr. Mrs. Satwant Kaur Bhullar

Principal

GENERAL INSTRUCTIONS

1. Holidays work must be done in a very neat and presentable manner.
2. The child will be assessed on the basis of handwriting, presentation, neatness, completion all the given questions and indexing of the work.
3. Questions must be done in the given sequence.
4. Notebooks, Scrap files, drawing files should be covered properly.
5. Avoid cutting & over writing.
6. Mention date and day before starting day's work.
7. Assignments attempted by parents will not be evaluated.

SCHEDULE OF SUBMISSION OF HOMEWORK IS AS FOLLOWS

- English, Maths, Punjabi & Art – 15 July 2017
- Hindi, Social Science & Science – 17 July 2017
- Late submission shall not be accepted.
- Creative work must be done beautifully.

Dear Students

Two months of the new academic year have already passed and we are looking forward to the summer vacations with a lot of excitement. Summer vacation is both a time for relaxation as well as a perfect interval to analyse one's performance and take measures for improvements. It is therefore imperative to spend the holidays in a planned manner. Here are some suggestions, which we feel would make your vacations more rewarding.

1. Get up before sunrise and watch the various shades of the sky as the sun comes up. Take a brisk morning walk and listen to the melodious chirping of birds. Spend some time doing yoga and meditation and other exercises to remain fit and fresh. Try to observe the calmness and other changes you feel in yourself and write about your experience in your personal diary.
2. Summer activities like reading and journal writing can help you explore your creativity and enhance your vocabulary. Keep a journal about your activities, memorable experiences, funny anecdotes, progress made in rectifying problem areas etc.
3. Develop a new life-skill, be it learning simple stitching or making a few healthy snacks.
4. Watch interesting documentaries, read magazines and solve crossword puzzles etc.
5. Take a break from social networking and talk to your elders about their experiences during the summer vacation when they were in school and help out with household chores.
6. Write a letter to your parents, sharing your deepest feelings with them that are often left unsaid in the commotion of your daily routine and submit the same to your Class Incharge.
7. Revise and practice all the work done before the vacation as you would be appearing for your Half Yearly Exams shortly after the vacations.
8. Under **parental supervision**, students can make use of apps like Word Search, 4 Pics One Word, Word Cookies, IEO etc. to enhance their vocabulary.
9. **The E-Magazine is an excellent platform to showcase students' original compositions and artistic creations. The students may send self composed poems, stories, facts, crosswords on the following email id for Class 7 (davsarabha78@gmail.com).**

I hope these suggestions will help you to spend your vacations in a fruitful and interesting manner. I hope that everyone has a very happy and restful summer vacation. I look forward to seeing all of you again in July, ardent and eager to learn.

Warm wishes,

Dr. Mrs. Satwant Kaur Bhullar

Principal

WE WISH ALL OUR STUDENTS GOOD HEALTH

&

HAPPY HOLIDAYS!!!

MATHS

General instructions:

- Submit your work in a separate notebook.
- Creativity and originality of the work will be appreciated.

Q.1 Write down the numerator and denominator of each of the following rational numbers.

(a) $\frac{-7}{5}$

(b) $\frac{15}{-4}$

(c) $\frac{-6}{11}$

(d) $\frac{17}{21}$

(e) $\frac{8}{9}$

Q.2 What is the additive inverse of $\frac{-4}{9}$ and $\frac{3}{7}$.

Q.3 What is the multiplicative inverse of $\frac{-2}{3}$ and $\frac{5}{-9}$

Q.4 Write down the rational number whose numerator is $\frac{-3}{4}$ and whose denominator is $(34-23) \times (7-4)$

Q.5 Write down the rational number whose numerator is the smallest four digit number and whose denominator is the largest five digit number.

Q.6 Find the area of a rectangular park which is $\frac{183}{5}$ m long and $\frac{50}{3}$ m broad.

Q.7 A car is moving at an average speed of $\frac{202}{5}$ km/hr . How much distance will it cover in $\frac{15}{2}$ hours ?

Q.8 On one day a rickshaw puller earned 80. Out of his earnings he spent $\frac{68}{5}$ on tea and snacks, $\frac{51}{2}$ on food and $\frac{22}{5}$ on repairs of the rickshaw. How much did he save on that?

Q.9 A drum full of rice weighs $\frac{241}{6}$ kg. If the empty drum weighs $\frac{55}{4}$ kg .find the weight of rice in the drum.

Q.10 From a rope 11m long , two pieces of lengths $\frac{13}{5}$ m and $\frac{33}{10}$ m are cut off. What is the length of the remaining rope ?

Q.11 Compare the rational numbers :

(a) $\frac{-5}{8}$ and $\frac{-3}{4}$

(b) $\frac{-4}{7}$ and $\frac{5}{-9}$

Q.12 Arrange the following in descending order:

$-7/10$, $8/-15$, $19/30$, $-2/-5$

ACTIVITY BASED HOMEWORK

Q.13 Write about “the contribution of Great Indian Mathematician Srinivasan Ramanujan.”
(To be done by all students)

Q.14 Prepare a collage for different mathematical shapes on a Chart. **(Roll No.’s 1-25)**

Q.15 Prepare a P.P.T related to Real life examples of vertically opposite angles , linear pair , adjacent angles (Minimum 10 PPT’s) **(Roll No.’s 26 onwards)**

SCIENCE

Q1. Make a table showing various symbols of elements and Ions

Q2. Make a list of 5 acids and bases found in your kitchen and write their uses.

Q3. Common name of some substances are given below. Write chemical name and its uses.

- a. Baking Soda
- b. Washing Soda
- c. Lime Stone
- d. Quick Lime
- e. Lime Water
- f. Plaster of Paris
- g. Blue Vitriol

Q4. Draw coloured diagram of Land Breeze and Sea Breeze.

Q5. Convert $^{\circ}\text{C}$ into $^{\circ}\text{F}$ Scale.

- a. 25°C b. 100°C c. 72°C d. 85°C

Q6. Draw a diagram of Human Respiratory System.

Q7. List any five Physical and Chemical changes that you see around you.

Q8. Make a collage showing various types of nutrition.

Q9. Write summary on chapter “Heat”.

SOCIAL SCIENCE

Roll No 1 to 25

Chapter: - 10 THE RISE OF THE SMALL KINGDOMS IN NORTH INDIA

1. Prepare the Project covering the following information:-
 - Great Monuments and Kingdoms of North India
 - Location
 - Special Features
 - Techniques and Strategies Used
 - Reasons for success and failure

Roll No 25 onwards

Chapter: - 11 THE RISE OF THE SMALL KINGDOMS IN SOUTH INDIA

2. Prepare the Project covering the following information:-
 - Great Monuments and Kingdoms of South India
 - Location
 - Special Features
 - Techniques and Strategies Used
 - Reasons for success and failure

On the basis of the above given topics INTER CLASS QUIZ COMPETITION will be conducted

3. Find the dictionary meaning of the words given below:-

- Trench
- Seismology
- Barren
- Molten
- Magma
- Stratified
- Fossil Fuels
- Gradation

4. Mark 29 states on the political Map of India and segregate them as Unicameral and Bicameral Legislature by colouring them (Pink for Bicameral and Green for Unicameral)

Bicameral Legislature:- Uttar Pradesh, Bihar, Maharashtra, Jammu and Kashmir, Karnataka, Andhra Pradesh, Teelangana and Unicameral Legislature in states other than these states

5. Collect the information about your state and city
 - The map of your state
 - Name of the governor of your state
 - Does your state have unicameral or bicameral legislature
 - Population of your state
 - Name of chief Minister of your state
 - Name of DC of Ludhiana
 - No. of districts in Ludhiana
 - Mayor of Ludhiana
 - Major Industries in Ludhiana

ENGLISH

1. Reading is Fun. Read any book of your choice :

- The Famous five :Enid Blyton
- Tales of the open door : Ruskin Bond
- Hardy Boys : Franklin W. Dixon
- The Magic Dreams and Other Favourite stories : Sudha Murty
- The old man and his God : Sudha Murty

2. Write in about 150-200 words about your favourite character. Pick out 10 new words and write down their antonyms and synonyms in your Classwork notebook, drawing or pasting pictures to make your task colourful and attractive.

3. **BRAVIA (to be done in the book itself)**

WRITING SKILL: Application Writing

Solve these assignments from Bravia Holidays Package

WORKSHEET – 40 (Pages: 103,104)

LISTENING TASK: Activity 1, 2

PROBLEM SOLVING ASSESSMENT: 1, 2 (Pages 14 to 19)

HOMOPHONES: Activity 17 (Pages 37 and 38)

CROSSWORD PUZZLE: Activity18 (Page 39)

READING TASK: Activity 19, 20 (including all exercises)

4. **SPEAKING SKILL:** Declamation Contest

Prepare a short speech (2-3 mins) on the following topics for Inter Class Declamation Competition to be held after summer vacation.

- a. Teaching – A noble Profession (Roll No: 1-10)
- b. Generation Gap (Roll No. 11-20)
- c. Hardwork is the key to success (Roll No. 21-30)
- d. Unity in Diversity (Roll No. 31-40)
- e. Hi- Tech devices – Boon or Bane (Roll No. 41 onwards)

HINDI

- ई-मैग्जिन के लिए प्रकृति पर आधारित कविता, कहानी,एकांकी, लेख आदि रचनात्मक सामग्री लाएँ।
- पाठ्यक्रम में संकलित निम्नलिखित विषयों को चार्ट के माध्यम से दर्शायें
संधि – रोल न0 1 से 10 समास– रोल न0 11 से 20
शब्दालंकार– रोल न0 21 से 30 अर्थालंकार– रोल न0 31 से आगे
याद करें– पर्यायवाची शब्द 1–34, भाववाचक संज्ञा–भाग क व ख मुहावरे–1–30,
उपसर्ग(संस्कृत) प्रत्यय(कृत) निबंध – समय का सदुपयोग, पुस्तकालय,मेरा प्रिय कवि,समाचार पत्र।



1. ਪੜ੍ਹਾਈ ਦੇ ਨਾਲ-ਨਾਲ ਸਮੇਂ ਦਾ ਸਹੀ ਉਪਯੋਗ ਕਰਦਿਆਂ ਹੋਇਆਂ ਤੁਸੀਂ ਕਿਵੇਂ ਮਿਹਨਤ ਕਰਕੇ ਕਮਾਈ ਦਾ ਸਾਧਨ ਵੀ ਬਣਾ ਸਕਦੇ ਹੋ। ਇਸ ਵਿਚਾਰ ਉੱਤੇ ਦਸ ਸਤਰਾਂ ਲਿਖੋ।

2. ਹੇਠਾਂ ਦਿੱਤੀ ਗਈ ਵਰਗ ਪਹੇਲੀ ਵਿੱਚੋਂ ਵਿਰੋਧੀ ਸ਼ਬਦਾਂ ਦੇ ਉੱਤਰ ਚੁਣੋ:-

1. ਲਾਭ 2. ਗਰਮ 3. ਸੱਚ 4. ਜਿੱਤ 5. ਨਵਾਂ 6. ਡਰ 7. ਆਸਤਕ

ਅ	ਅ	ਹ	ੲ	ਸ	ਹ
ਿ	ਕ	ਾ	ਠੰ	ਖ	ਾ
ਨ	ਗ	ਰ	ਢ	ਘ	ਨ
ਡ	ਕ	ਛ	ਾ	ਛ	ੀ
ਰ	ਨ	ਾ	ਸ	ਤ	ਕ
ੜ	ਛ	ਵ	ਟ	ਠ	ਢ
ਝੂ	ਪੁ	ਰ	ਾ	ਣ	ਾ
ਠ	ਢ	ਯ	ਤ	ਥ	ਦ

3. ਹੇਠ ਦਿੱਤੇ ਪੈਰ੍ਹੇ ਵਿੱਚੋਂ ਨਾਂਵ ਅਤੇ ਪੜਨਾਂਵ ਚੁਣੋ ਅਤੇ ਕਿਸਮਾਂ ਵੀ ਲਿਖੋ:-

ਹਰਜੀਤ ਰੋਜ਼ ਸਵੇਰੇ ਸਕੂਲ ਜਾਂਦਾ ਹੈ। ਉਹ ਸਵੇਰੇ ਜਲਦੀ ਉੱਠਦਾ ਹੈ। ਉਹ ਆਪਣਾ ਸਕੂਲ ਦਾ ਸਾਰਾ ਕੰਮ ਕਰ ਕੇ ਜਾਂਦਾ ਹੈ। ਅਧਿਆਪਕ ਅਤੇ ਉਸਦੇ ਮਾਤਾ-ਪਿਤਾ ਉਸਨੂੰ ਬਹੁਤ ਪਿਆਰ ਕਰਦੇ ਹਨ। ਉਹ ਜਮਾਤ ਦਾ ਮਨੀਟਰ ਵੀ ਹੈ।

4. ਕੋਈ ਪੰਜ ਭਾਰਤੀ ਖਿਡਾਰੀਆਂ ਦੇ ਨਾਂ ਦੱਸੋ ਜੋ ਅੰਤਰ-ਰਾਸ਼ਟਰੀ ਪੱਧਰ ਤੇ ਖੇਡਾਂ ਵਿੱਚ ਪ੍ਰਸਿੱਧ ਹੋਣ ਅਤੇ ਉਹਨਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਵੀ ਲਗਾਉ।

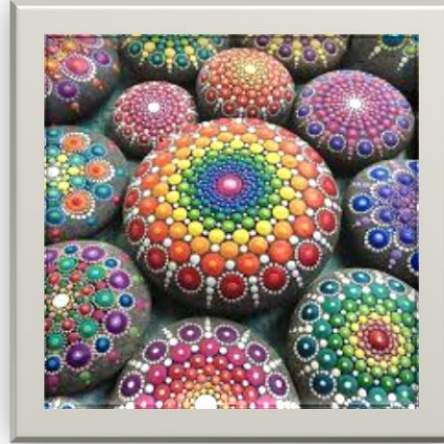
5. ਰਸੋਈ ਘਰ ਵਿੱਚ ਵਰਤੇ ਜਾਣ ਵਾਲੇ ਕੋਈ ਦਸ ਮਸਾਲਿਆਂ ਦੇ ਨਾਂ ਲਿਖੋ ਅਤੇ ਉਹਨਾਂ ਦੀ ਸੂਚੀ ਬਣਾ ਕੇ ਮਸਾਲਿਆਂ ਨੂੰ ਛੋਟੇ-ਛੋਟੇ ਪੈਕਟਾਂ ਵਿੱਚ ਪਾ ਕੇ ਕਾਪੀ ਵਿੱਚ ਲਗਾਉ।

6. ਰੁੱਖਾਂ ਦੇ ਸਾਡੀ ਜਿੰਦਗੀ ਵਿੱਚ ਬਹੁਤ ਲਾਭ ਹਨ। ਰੁੱਖਾਂ ਦੀ ਮਹੱਤਤਾ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖਦਿਆਂ ਹੋਇਆਂ ਰੁੱਖਾਂ ਦੇ ਕੋਈ ਦਸ ਲਾਭ ਲਿਖੋ।

7. ਤੁਸੀਂ ਗਰਮੀਆਂ ਦੀਆਂ ਛੁੱਟੀਆਂ ਕਿਵੇਂ ਬਿਤਾਈਆਂ। ਛੁੱਟੀਆਂ ਦਾ ਅਨੁਭਵ ਤਸਵੀਰਾਂ ਸਹਿਤ ਕਾਪੀ ਤੇ ਲਿਖੋ।

ART

Convert Stones /Pebbles into beautiful Paper Weights :-
Pictures for reference to complete the project



Dear Students ,

- This summer project is given to you, will be displayed in upcoming Art Exhibition too, in month of July. These paper weights can be made out from the Pebbles. Kindly submit the complete project by 15th July, 2017. Per student two paper weights are to be made.
- This year Art Department has announced the theme NATURE for upcoming ART exhibition in month of July, the size for the painting will be full size ivory /sheet (20''x 30''). Painting should not be copied, it should be original idea of the student. Girls should make horizontal paintings and Boys are supposed to make vertical paintings, complete paintings they should submit to art department without framing them.

Wishing You The Best