ARMY PUBLIC SCHOOL JHANSI
SESSION 2021 – 22
CLASS - VI

It'ssummertime, schoolvacation hasbegun, Itstimetoplayand havefunINDOORS.Timetospend with kithand kin

Happy Holidays

Dear Student,

- Summer Vacation is the best and the most fruitful time for learning and nurturing creativity. Keeping this objective in mind we have planned diverse and exciting activities that will enhance your knowledge and boost yourcreativity.

- "Knowledge is Power". Therefore read lots and lots of books to cultivate the reading habit and develop your vocabulary, language skills, increase your attention span and improve yourspellings.

- "A healthy mind lives in a healthy body". So play the sport of your choice INDOORS. It will help to instill discipline, generate sporting spirits and channelize your energies constructively.

- Get up early in the morning and see the rising sun. Do indoor exercises / yoga and stay healthy and fit. Spend quality time with your elders and share your thoughts and ideas withthem.

- Eat healthy food and drink lots of water duringsummer.

- Integrating curriculum helps students deepen their understanding of the subject matter and comprehend relationship between different areas of study. This year's holiday homework has been designed keeping this inter disciplinary aspect in mind.

Principal

English-

1. Do one page cursive handwriting everyday in your H.W notebook.
2. Learn the whole syllabus for U.T 1 (whatever taught till now)
3 Complete your notes (questions and answers) of all the chapters taught till now and learn them.
4 Activity: Make a colourful kite. Collect the things required such as colour paper/newspaper ,thread, glue, a thin stick that can be bent. (Things which are easily available)
5.Write a paragraph on ''How can we keep ourself healthy,strong and safe" in this time of corona.

NOTE : Make a thin holiday homework notebook**.**

Hindi

1- **पाठ्यपुस्तक वसंत-** पाठ-1 और 2के शब्दार्थ और अभ्यास कार्य याद करें।

2- प्रतिदिन **बाल रामकथा** का एक पाठ पढ़े एवं पाँच नए शब्द कॉपी में लिखें।

व्याकरण निकुंज-

3- **पर्यायवाची शब्द-** अंबर से धन तक याद करके लिखें।(पेज नंबर 54)

4- **विलोम शब्द-** आदि से अनुराग तक याद करके लिखें।(पेज नंबर 56)

5- **अनेक शब्दों के लिए एक शब्द-** देखने वाला से पृथ्वी पर रहने वाला तक याद करके लिखें। (पेज नंबर 67)

6- **अनुच्छेद लेखन-** प्रातः भ्रमण, सच्चा मित्र। (पेज नंबर 209)

7- <u>**रचनात्मक कार्य-**</u> न्यूज़ पेपर की सहायता से फोटो फ्रेम या पेन बॉक्स बनाएँ।

∗उपरोक्त कार्य एक पतली कॉपी में याद करके लिखें। तथा पीडीएफ फाइल बनाकर विषय अध्यापक को व्हाट्सएप पर भेजें।∗

Mathematics-

CHAPTER - 1

Q.1 Write the smallest three digit number whose value does not change on reversing its digits.

Q.2 Write the greatest three digit number which does not change on reversing its digits.

Q.3 What must be added to 203 to get a number whose digits are reversed of the given number?

Q.4 The capacity of a water tank is 300 litres. Express its capacity in millilitres.

Q.5 Write the smallest and the greatest 5-digit numbers using the digits 0,2,4,6,8 (Repetition of digits is not allowed).

Q.6 Estimate the following products:

(a) 86 x 316

(b) 898 x 786

Q.7 Estimate: 25,148 + 7394 + 9343 + 752

Q.8 Write all the even numbers between 90 and 100 in Roman Numerals.

Q.9 The distance between the school and Reena's house is 1 km 480 m. Everyday she walks both ways. What distance does she cover in 6 days of a week?

HIGHER THINKING SKILL HOTS :-

Q.10 There are two factories located at place P and the other at place Q. From these factories, a certain commodity is to be delivered to each of the depots situated at A, B and C. Weekly production of commodity by P and Q are 120 kg and 150 kg respectively. Weekly requirement of commodity by A, B and C are 80 kg, 90 kg and 100 kg respectively. P delivers 60 kg to A, 40 kg to B and 20 kg to C. How much amount of the commodity should Q deliver to A, B and C to meet their requirement? If the rate of the commodity is ? 20 per kg, find the total amount to be paid to P and Q.

CHAPTER – 2

Q.1 Which property do the following statements hold?

(a) 6 + 4 = 4 + 6

(b) 3 + 2 = whole number

Q.2 Add the following in three ways. Indicate the property used.

(a) 25 + 36 + 15

(b) 30 + 18 + 22

Q.3 Using the properties, find the values of each of the following:

(a) 736 x 102

(b) 8165 x 169 – 8165 x 69

Q.4 Observe the following patterns and extend them by two more terms.

$$11 \times 11 = 121$$
$$101 \times 101 = 10201$$
$$10101 \times 10101 = 102030201$$
$$\underline{\hspace{6cm}}$$
$$\underline{\hspace{6cm}}$$

Q.5 Observe the following patterns and extend them by two more terms:

$$15873 \times 7 \times 1 = 111111$$
$$15873 \times 7 \times 2 = 222222$$
$$\underline{\hspace{6cm}}$$
$$\underline{\hspace{6cm}}$$

Q.6 Represent the following on number line:

(a) 3 + 4

(b) 6 – 2

(c) 2 × 4

Q.7 Give one example for each of the following properties for whole numbers.

(a) Closure property

(b) Commutative property

(c) Associative property

(d) Distributive property

Q.8 320 km distance is to be covered partially by bus and partially by train. Bus covers 180 km distance with a speed of 40 km/h and the rest of the distance is covered by the train at a speed of 70 km/h. Find the time taken by a passenger to cover the whole distance.

HIGHER THINKING SKILL HOTS :-

Q.9 A housing complex built by DLF consists of 25 large buildings and 40 small buildings. Each large building has 15 floors with 4 apartments on each floor and each small building has 9 floors with 3 apartments on each floor. How many apartments are there in all?

Q.10 A school principal places orders for 85 chairs and 25 tables with a dealer. Each chair cost ₹180 and each table cost ₹140. If the principal has given ₹2500 to the dealer as an advance money, then what amount to be given to the dealer now?

CHAPTER – 3

Q.1 If the LCM and HCF of any two numbers are 15 and 4 respectively, find the product of the numbers.

Q.2 Write first 3 multiples of 25.

Q.3 Write the number which is even as well as prime.

Q.4 Simplify: $32 + 96 \div (7 + 9)$

Q.5 Without actual division, show that 11 is a factor of 1,10,011.

Q.6 The sum of two numbers is 25 and their product is 144. Find the numbers.

Q.7 Is 80136 divisible by 11?

Q.8 Find the greatest number which divides 82 and 132 leaving 1 and 6, respectively as remainders.

Q.9 Simplify the following:

$40 + [20 – \{28 \div 7 – 3 + (30 – 5 \text{ of } 4)\}]$

HIGHER THINKING SKILL HOTS :-

Q.10 In a seminar, the number of participants in Mathematics, Physics and Chemistry are 60, 96 and 144 respectively. Find the number of rooms required if in each room, the same number of ' participants are to be seated and all of them are to be in the same subject.

ACTIVITIES AND PROJECT WORK

1.Make different polygons using matchsticks and name them.

2.Draw the map of your locality and mark different lines and angles

3.Naming the angles made by the clock during the day.

Science-

1. Make a list (with pictures, when possible) of food items generally taken by people of different regions of India. Place these on a large outline map of India to display in your scrap book.
2. Find out the names of plants that grow in water and which are eaten as food.
3. What are the ways we can think of to avoid wastage of food? (Write at least 5 points)
4. Prepare a diet chart to provide balance diet to a twelve year old child. The diet chart should include food items which are not expensive and are commonly available in your area.

Social Science

- Learn Chapters taught in the month of April'21.

- Write & Learn names of States with their capitals and Union Territories.

- Draw Maps of India and Mark the following:

❖ States

❖ Neighbouring Countries

❖ Seas and Oceans near India.

Sanskrit

रुचिरा -
1- पाठ 1, 2 और 3 के शब्दार्थ एवं अभ्यास कार्य को याद करें।
2- **शब्द रूप -** *बालक* और *बालिका* के शब्द रूप याद करके कॉपी में लिखें। (रुचिरा - पेज नंबर 89)
3- **धातु रूप -** *पठ् (पढ़ना)* चारों लकार याद करके कॉपी में लिखें। (रुचिरा - पेज नंबर 92,93)
4- 01 से 20 तक संख्यावाची शब्द हिंदी एवं संस्कृत में कॉपी में लिखें और याद करें।
5- **रचनात्मक कार्य -** पाँच पशुओं और पाँच पक्षियों के चित्र चिपकाकर हिंदी और संस्कृत में नाम लिखें।

Computer

* Learn Ch - 1 Fundamentals of computer and complete all Exercises and Questions & Answers in fair notebook.

* Read Ch-2 Computer Memory and write Exercises and Questions & Answers in Holiday Homework Copy.

* Activity -
Make a model of Computer System, using thermocol / cardboard.
            OR
Make a chart on different types of printers with their features.

* Complete Unit Test Paper- I (pg-128) in book.

Music

1.- Learn 3 English and 3 Hindi prayers from school Diary.
2.- Learn and write School   Anthem and National Anthem.
3.- Write and prepare any two patriotic songs in your music notebook.

Art & Craft

BOOK: ART FESTIVAL

TOPIC:
- OBJECT DRAWING -page no.9
- COLOURFUL FISH -page no.13
- GO GREEN -page no.15
- CRAFT WORK (FAN) -page no.16
- IN A RAINY DAY -page no.17
- LANDSCAPE -page no.20
- EID MUBARAK (COLOUR) -page no.30
- WATERWORLD (CRAFT) -page no.33
- MY SCHOOL (PEN WORK) -page no.37
- MADHUBANI PAINTING -page no.40
- CLAY WORK (RED ROSE) -page no.49
- EGG CARTON FLOWERS (CRAFT) -page no.54

Dear students,
Share your homework on my personal whatsapp number (9454957302) with the proper mentioning of your name, class and section latest by 15th June 2021.