Class VI

To reduce the use of Paper and to Go Green school promotes the use of technology to save the Environment homework is being provided online. Summer Vacations is a break from a fixed schedule and to play unlimited, use your imagination and creativity and making the process of learning a fun. This Smart Summer holiday assignment is a challenge for your all round development and to present your imagination and creativity.

> Encourage the child to do the work independently.

> Provide guidance and support wherever required.

> Motivate your child to speak in English.

> To inculcate the reading habits encourage your child and motivate them to read news papers and books.

> Entire Assignment is to be done using A4 sized Pastel Sheets and decorate it artistically.

> Print outs of Practice Worksheets to be taken separately in order to complete them.

> Holiday Assignment should be submitted to the respective teachers within the First week after school reopens.

> Holiday Assignment will be evaluated on the basis of submission and quality of your work done and 50% marks will be added to Formative Assessment:1.
Theme: The Incredible India (read)
India is and will always be an enchanting land. Varanasi, was called "the ancient city" when Lord Buddha visited it in 500 B.C. and is the oldest. Panini, the Sanskrit grammarian, who lived between 750 and 500 BC, was the first to compose formal grammar through his Astadhyai. India invented the Number System. Zero was invented by Aryabhata. The World's first university was established in Nalanda.

Sanskrit is the mother of all the European languages. Sanskrit is the most suitable language for computer software. The art of Navigation was born in the river Sindh 6000 years ago. The very word Navigation is derived from the Sanskrit word NAVGATIH. The word navy is also derived from Sanskrit 'Nou'.

Science: Activity 1: Attempt any one (Activity A or Activity B) from the following:

Activity A: Many of the states of India are facing the condition of severe drought due to the failure of monsoon/weak monsoon. The people of these states are facing the acute scarcity of drinking water.

In reference to this answer the following questions-

a) List the regions or states which are facing the condition of drought and scarcity of drinking water.

b) What steps are being taken by the govt. to overcome these problems.

c) Prepare a report on drought and water conservation support by news cutting from paper

HINT—Water Express, construction of check dams, deforestation, rain water harvesting, misuse of water,

or

Activity B: Delhi is termed as Gas Chamber due to high level of air pollution. Delhi govt. is taking majors to reduce the pollution level in the atmosphere.

a) Make a report on air pollution in reference to Delhi and NCR.

HINT—Odd and Even Formula, plantation, pooling of vehicles

b) How can we contribute in controlling air pollution and global warming.
Social Science: Incredible India title was officially branded and promoted by Amitabh Kant, then the Joint Secretary under the Union Ministry of Tourism, in 2002. India offers a different aspect of her personality – exotic, extravagant, elegant, eclectic -- to each traveller to the country.

Rajasthan: Jantar Mantar is an excellent place to visit in India! It is located in Jaipur, Rajasthan. It is a collection of architectural, astronomical instruments that were built by Maharaja (king) Jai Singh II between 1727 and 1734, during India’s medieval history. The Samrat Yanta, known as the world’s largest sun-dial, which is a device for telling the time by measuring the shadow of a vertical beam. This sun-dial is 90 feet high, and its face is 27 degrees, which happens to be the latitude of Jaipur. The arrival of heavy monsoons and eclipses alike were announced from the tip of this instrument. A man would stand at the top of the ledge and make these announcements. They are still made today! http://www.smarttravelasia.com/Rajasthan.htm

West Bengal: Howrah Bridge is a cantilever bridge with a suspended span over the Hooghly River in West Bengal, India. The bridge does not have nuts and bolts and was built by riveting the whole structure. At the time of its construction, it was the 3rd longest cantilever bridge. Now, it’s the sixth longest bridge of its type in the world! 26,500 tons of steel was consumed in the construction of Howrah Bridge, out of which 23,000 tons of high-tensile alloy steel, known as Tiscrom, was supplied by Tata Steel. It has featured in numerous movies, Hindi, Malayalam, Bengali, Tamil, etc. Few movies shot here are Gunday, Barfi!, Love Aaj Kal, Tamil film Aadhavan, Malayalam Film Calcutta News, Roland Joffé’s English language film City of Joy and the list goes on… http://www.quickgs.com/interesting-facts-about-west-bengal/

Kerala: God’s own country? Poets wrote poems about this state and many writers find hard to express the full beauty of this place. Nestled between the pristine waters of the Arabian sea on the west and the lush Western Ghats on the east, its intense network of rivers and lagoons, thick forests, exotic wildlife, tranquil stretches of emerald backwaters and a long shoreline of serene beaches make it a traveler's paradise. God’s own country! Paradise!!! The rich cultural heritage, the dance form and the essence of music are so impressive that the tourist will be spellbound by this magic features of kerala.

The literary meaning of Kerala is "the land of coconuts". There are 44 rivers in Kerala, all but three originating in the Western Ghats. Kerala is the first state in India to reach 100% literacy rate. World’s first Teak Plantation was in Kerala, built by the British. World’s Largest and Longest Teak are in Kerala. Worlds Only Teak Museum is in Nilambur, Kerala.
**Himachal Pradesh** : The word “Himachal Pradesh” comes from the Sanskrit word “Hima” which means “Snow”. And also the literal meaning of the State’s name is in the lap of Himalayas. Himachal Pradesh is a state in North India. Himachal Pradesh has abundance of perennial rivers which helps the state to supply electricity to the neighboring states with the help of Hydro-electricity power plants. Moreover, the economy of this state is highly dependent on three sources. Those are: Hydroelectric Power, Tourism and Agriculture. 

http://earthtravelogue.blogspot.in/2012/06/interesting-facts-about-himachal.html

**Activity 2: Use any two states and create brochure for each one of them to promote the tourism** (use the images of brochure as a sample):

See more at: http://incredibleindia.org/index.php/travel#sthash.kSDF0BCb.dpuf

http://incredibleindia.org/index.php/travel

**Drawing**: Draw any landscape representing any one state of India.
English Reading Your holiday homework this year is a fun mix of all the aspects of the language. It has been designed to ensure that you enjoy and learn at the same time.

1. Read the famous book ‘A village by the sea’ by ‘Anita Desai’.
   a) Write a short summary of the story (85 words) and name the main characters.
   b) Choose 10 interesting adjectives and 10 adverbs from the book and find their dictionary meanings.
   c) Find one synonym and one antonym for all the 20 words. Make interesting sentences using any ten words.
   d) Represent the Sequence of the story in a form of Flow Chart.
   e) Present your work creatively. Remember, you will have an FA based on the story and the incidents, so ensure that you read the entire text.
   f) Make a book cover for the book. (The name of the book, author, illustrator and an illustration.)
Entertainment: - Watch a movie as allotted according to the Roll-No:

1. Up (Roll-No 1-10)
2. The Wizard of Oz (Roll-No 11-20)
3. Home Alone part 1/2/3 (Roll-No 21-onwards)

BEFORE WATCHING FILM
1. What is the name of the film?
2. When was the film made?
3. Who are the main actors? What films have they been in before?
4. What does the title suggest to you?

WHILE WATCHING THE FILM
Type of film: ___ documentary ___ fictional ___ cartoon ___ narrated ___ contemporary ___ other

AFTER WATCHING THE FILM Attempt any 7 Questions:-

Q1. Did you learn anything from this movie? If you did, what was it?
Q2. What did you like best event of the movie? Why?
Q3. What did you like least about the film? Why?
Q4. Did any of the characters in this movie make you angry? Tell us why.
Q5. What comment is the author trying to make about the culture of the characters in this story?
Q6. What was the strongest emotion that you felt when watching the film?
Q7. Did anything that happened in this movie remind you of something that has occurred in your own life or that you have seen occur to others?
Q8. If you had a chance to ask a character in this movie a question, what would it be?
Q9. Would you recommend this movie to a friend? Explain your reasons.
Q10. If you had a chance to ask a character in this movie a question, what would it be?
Directions: Finish each punchline by writing they're, their, or there. Remember to capitalize the first word.

1. How do you know that grandfather clocks are shy?
   . . . They always have ___________ hands over ___________ faces.

2. Why do people consider flowers lazy?
   . . . ___________ always in beds.

3. What kind of animals are the easiest to weigh?
   . . . Reptiles; they always carry around ___________ scales.

4. What's the longest word in the English language?
   . . . “Smiles”; ___________ is a mile between the first and last letters.

5. Why do the numbers one through twelve make the best guards?
   . . . because they spend all of ___________ time on the watch.

6. If six copycats sat on a fence and one jumped down, how many would be left on the fence?
   . . . None, ___________ all copycats!

7. Do doctors get a big charge out of their work?
   . . . No, but ___________ patients surely do!

8. Why is winter the best time to purchase a thermometer?
   . . . because in summer ___________ higher.

9. Why were the baby strawberries upset?
   . . . ___________ parents were in a jam.

10. When does it rain money?
    . . . whenever ___________ is change in the weather.

(TENSES) Fill in the blanks with the correct forms of the verbs.

1. When I ___________ (arrive) at the station, Sunita ___________ (wait) for me.
   She ___________ (wear) a blue dress and ___________ (look) very pretty. As soon as she ___________ (see) me, she ___________ (shout) something but I couldn’t hear what she ___________ (say) as everyone ___________ (make) such a noise.

2. I ___________ (look) forward to go to England, next year. I ___________ (plan) to stay there for a few years. I ___________ (come) back and ___________ (serve) my...

3. The roof of the hall of a school building ___________ (fall) down in heavy rains yesterday night. Five persons ___________ (die) on the spot. The building ___________ (be) under construction. According to the neighbours, about fifteen persons ___________ (sleep) in the hall. Most of the victims ___________ (be) labour class.

4. When I ___________ (reach) Meena’s house, she ___________ (leave) already. Though I ___________ (reach) there at the appointed time, yet she ___________ (leave). Thus I ___________ (come) back disappointed.

5. Yesterday I ___________ (see) a speeding car hit a pedestrian, who ___________ (fall) unconscious. The poor fellow ___________ (bleed) profusely before people ___________ (take) him to a hospital. The man ___________ (struggle) for his life but ___________ (breathe) his last after half an hour.

6. Rajesh ___________ (sit) in the train at this time tomorrow. We ___________ (go) to see him off. He ___________ (stay) with us for almost a month. He ___________ (promise) that he ___________ (visit) us again next year.
A geometric shape or object is symmetric if it can be divided into two or more identical pieces that are arranged in an organized fashion. This means that an object is symmetric if there is a transformation that moves individual pieces of the object but doesn't change the overall shape. The type of symmetry is determined by the way the pieces are organized, or by the type of transformation:

- An object has reflectional symmetry (line or mirror symmetry) if there is a line going through it which divides it into two pieces which are mirror images of each other.
- An object has rotational symmetry if the object can be rotated about a fixed point without changing the overall shape.
- An object has scale symmetry if it does not change shape when it is expanded or contracted.
- Other symmetries include glide reflection symmetry and reflection symmetry.

Not all shapes have lines of symmetry, or they may have several lines of symmetry. For example, a triangle can have 3, 1 or no lines of symmetry:

**Equilateral Triangle**
(all sides equal, all angles equal)

**Isosceles Triangle**
(two sides equal, two angles equal)

**Scalene Triangle**
(no sides equal, no angles equal)

3 Lines of Symmetry 1 Line of Symmetry No Lines of Symmetry

Use concept of Symmetry and present it using different Indian perspectives:

- a) Symmetry in Nature
- b) Symmetry in architecture
- c) Symmetry of art
- d) Symmetry in religious Symbols
- e) Symmetry in Music and musical Instruments

Use the given link to understand the activity:
http://www.slideshare.net/crystal4/symmetry-presentation-by-manali
Mathematics do any 3 practice worksheet:-

Worksheet: 1  (print)

A. Fill in the blanks.

1. The smallest natural number is-----------------------------------------------

2. The smallest whole number is-----------------------------------------------

3. The largest natural number is-----------------------------------------------

4. The largest whole number is-----------------------------------------------

5. The consecutive successor of 99 is-----------------------------------------------,

6. The consecutive predecessor of 87 is-----------------------------------------------,

7. The smallest five digit number formed using 2,3,0,1,5(without repeating) is---------------------------

8. The greatest four digit number formed using 4,7,9,1,0(without repeating) is---------------------------

9. The only whole number which is not a natural number is---------------------------

10. The smallest number of 4 digits that does not change when its digits are written in reverse order is---------------------------

B. Answer the following questions.

1. How many thousands makes a lakh

   Ans-----------------------------------------------

2. How many lakhs equal a crore.

   Ans-----------------------------------------------

Worksheet: 2  (print)

A. Answer the following questions.

1. Is 0 is natural number ?

   Ans-----------------------------------------------

2. Is every natural number a whole number ?
3. How many lakhs make a million?

Ans: 100 lakhs

4. What is the face value of 5 in 23572?

Ans: 5

5. What is the face value of 1 in 31205?

Ans: 1

6. What are the next two shapes?

Answer: Square, Circle

7. What are the next two shapes?

Answer: Triangle, Square

8. What are the next two numbers?

5, 20, 35, ,

Worksheet: 3 (print)

A. Write ‘T’ for true or ‘F’ for false.

1. The largest natural number is 99999999.  
   T

2. The face value of a number is equal to the number itself.  
   T

3. The face value and place value of 0 may differ depending on its position in a given numeral.  
   T

4. The smallest numeral of six digits having three different digits is 100002.  
   T

5. All natural numbers are whole numbers.  
   F

B. Fill in the empty boxes correctly.

1. $2957 \times 1 = $ 

2. $1235 \times $ = 0
3. $10 \times 10 \times \square = 1000$

4. $53 \times 37 = 53 \times \square$

5. $2.50 \times \square = (40 \times 250) + (20 \times 250)$

C. Find the value of

1. $(975 \times 85) + (975 \times 15)$

2. $(328 \times 116) - (328 \times 16)$

D. Solve using distributive property of multiplication.

1. $1007 \times 90$

Worksheet:4 (print)

1. Find Number of sides in given figure.

(a) 
(b) 

2. What number is missing from this magic square?

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3. What is the average of these numbers?

6 9 4 5

4. What are the next two numbers?

115, 95, 75, ...

5. Write the name of shape

Cylinder
6. This angle is acute or obtuse?

Worksheet:5 (print)

A. word problems

1. A library has 215 racks of books. If each rack holds 205 books, how many books does the library have.

2. A VCD player costs Rs 325. Find the money required to buy 35 VCD players.

3. How many minutes are there in 1322 hours.

4. The monthly charges of a boarding school are Rs 4,565 per student. Find the amount of money collected from 12 students.

5. A year has 365 days. Find the number of days in 45 years.

6. A machine, on an average, manufactures 2825 screws a day. How many screws did it produce in the month of January.

7. A businessman saves Rs 315 every week. How much does he save in 300 weeks.

8. Anita earns Rs 28,450 in one month. What will be her total earning in 3 months.

9. A packet can hold 185 glasses. How many packets are required to pack 834535 glasses.

10. The cost of 225 washing machines is Rs 435375. What is the cost of one washing machine.

B. Find the Quotient and Remainder in the following

1. \( 83452 \div 101 \)

2. \( 93798 \div 142 \)

3. \( 70252 \div 130 \)
1. पॉड़ ऐसे दिवस की कल्पना करो जब तुम जो चाहो करने के लिए स्वतंत्र हो। ऐसे दिन जब तुम्हे विद्यालय नहीं जाना है पढ़ना नहीं है। अथवा गृहकार्य नहीं करना है। उसे दिन आप अपना दिन कैसे बिताओगे? कल्पना करो और विचार एक डायरी के रूप में स्केप बुक में लिखो।

2. प्रश्न (क) और (ख) में से कोई एक करे।

(क) संगीत अथवा खेल विषय को आधार बनाकर अपने मनमसंद संगीतत्त्व अथवा खिलाड़ी पर निम्न बिन्दुओं के आधार पर एक परियोजना तैयार कीजिए—
के नाम एवं चित्र
ख पुस्तकार एवं प्रसिद्ध एल्बम।
ग साक्षात्कार

(ख) आपने गर्मियों की छुट्टीयों में जो फिल्म देखी उस फिल्म का विवरण निम्न बिन्दुओं के आधार पर करे— नाम निर्देशक निर्माता, गीतकार, संगीतकार, नायक एवं नायिका, हास्यकलाकार