

Winter Holiday homework

Class-III

Dear Parent,

Season's Greetings!

Vacation is the most beautiful moment of every student's life. They wait eagerly for the same. They need it for relaxation and hone their skills. They feel fresh which enhances their concentration towards studies. In vacation, students try to learn new things and enjoy it with their holiday homework. We have announced our Winter Vacation from December 31, 2018; this definitely comes along with the 'Holiday Homework'!

Our Holiday Homework has been carefully planned to cater the diversified interests of students and help them revise for the upcoming assessments.

We are looking forward to children coming back to school after rejuvenating holidays, with smiling faces and joy in their hearts. All of us at SPS, Gurgaon wish you the best of holidays and a Happy New Year.

Regards

Team SPS

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English

Utilise your days reading supplementary reader 'Gulliver's Travel' (Chapters 6-10); enjoy doing activities enclosed and submit them on the day of rejoining.

| | |
|---|--------------------------------|
| Name of the Book: | What I like the best: |
| Author of the Book: | What I did not like: |
| Publisher: | My Favourite Character: |
| Write the story in your own words: | |
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Service Before Self

हिन्दी

वर्क शीट पेज 58-61

Mathematics (Hey Math)

'Hey Math' is an organization which provides a web based platform to enable students and teachers to connect and learn Mathematics. This will be the opportunity for students to benchmark themselves against their peers globally. The school has initiated a pilot project with Hey Math, where parents have free access to Hey MATH till 31ST March 2019. The lessons, worksheet and quiz will be uploaded by teachers on weekly basis. You are requested to use the resources and give us the feedback on the same by 10th March.

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- Click on LESSONS to view lessons .
- For assignments click on assignments.
- Click on Assignment Submit to type all the answers and submit.

User Id: spsg (followed by admission number with year – six digits)

Password: Same as user ID.

Example:

User Id: spsg522014

Password: spsg522014

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- For any further support you may write at support@heymath.com

Environmental Science (Question Bank)

Instructions:

- Questions to be done in the Rough Notebook.
- Questions will be discussed later in the classroom.

1. Fill in the blanks:

- A vehicle that moves under water _____
- Trains that run within the city _____
- PIN stands for _____
- TV is a means of _____ communication.
- Men wear mundu in _____. (state)
- Women wear _____ in Assam.(name of the state)
- World's first railway system was built in this country _____
- CNG stands for _____
- Main source of fresh water on the earth is _____
- Rain water seeps into the ground. It forms _____ water.

2. Unscramble the letters to make complete words:

- RSTLHEE (It gives us protection) _____
- SEVCA (Shelter of early man) _____
- OOILG (House of Eskimos) _____
- NERNITET (connect all the computers) _____
- TELRET(means of communication) _____

3. Short Answer Questions:

a. Define the following terms :

- Caravan
- Condensation

- iii. Evaporation
- iv. Transportation

b. Give Reasons for the following:

- i. Tap water should be boiled or filtered before drinking
- ii. Store water in a clean and covered container.
- iii. Plants should be watered early in the morning or after sunset.

c. Answer the following questions in one-two sentences:

- i. Why does our body need water?
- ii. What is rainwater harvesting?
- iii. How are mobile phones different from landline phones?
- iv. What is water pollution?

4. Long Answer Questions:

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- i. What are the causes of water pollution?
- ii. What is the difference between mass communication and individual communication?
- iii. Explain water cycle with the help of a well – labelled diagram.
- iv. Which factors decide the mode of transport you will choose while travelling?
- v. List the three reasons for shortage of water.
- vi. Why do we never see lotus and water lily in desert region?

Winter Hliday Homework

Class-IV

Dear Parent,

Season's Greetings!

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Regards

Team SPS

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हिन्दी

वर्क शीट पेज 18, 22, 24, 28, 29, 30

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Password: spsg522014

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Science (Question Bank)

Instructions:

- Questions to be done in the rough notebook.
- Answers will be discussed in class after holidays.

1. Give one example for the following:

- a. India's first artificial satellite _____
- b. A synthetic fibre _____
- c. A star _____
- d. Condensation in nature _____
- e. An effect of force _____
- f. A soluble impurity present in nature _____
- g. Inclined plane _____
- h. Lever _____
- i. Water borne disease _____
- j. Constellation _____

2. Name the following :

- a. Galaxy in which we live _____
- b. A planet with beautiful rings. _____
- c. An imaginary line that passes through the centre of the earth. _____
- d. The path in which the planets revolve _____
- e. A dwarf planet _____

3. Fill in the blanks :

- a. The force applied by the earth is called _____.
- b. Frictional force always acts in direction _____ to the motion of the object.
- c. A _____ is used to draw water from well.
- d. A train uses _____ force.
- e. To move a catapult we uses _____ force.

4. Define the following terms:

Energy, work, force, simple machine, solute, solution, humidity, Water cycle, dew, constellation

5. Rewrite the following statements correctly:

- a. Slow moving air is called storm.
- b. Sea breeze blows from land to sea during the day.
- c. Mercury is called the morning and evening star.

- d. Gases take the shape of the container in which they are poured.
- e. On cooling gas changes into solid.

6. Distinguish between :

- a. Stars and planets
- b. Rotation & revolution
- c. Inner planets and Outer planets
- d. Sea breeze and land breeze
- e. Evaporation and condensation

7. Give reason :

- a. The smell of burning incense stick spreads in the room.
- b. You can slip on stepping on a banana peel.
- c. It is day in India when it is night in America.
- d. Chlorine is added to water.
- e. Evaporation is slower on a humid day

8. Answer the following in 20 – 30 words:

- a. Write any one use of inclined plane.
- b. What are the three states of matter?
- c. How can we change the state of matter?
- d. Why do we wear clothes?
- e. List the factors on which rate of evaporation depend.
- f. What is revolution of earth? How much time it takes?
- g. How can tap water be made safe for drinking?

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9. Answer the following questions in 30 – 40 words:

- a. Is it correct to say that sun is the ultimate source of energy? Give reason to support your answer.
- b. Why we should avoid wearing clothes made from animal fur?
- c. Write any three characteristics of artificial fibres.
- d. What are artificial satellites ? How are they useful to man?
- e. Explain how wind blows.
- f. List any two advantages of simple machines. Name all the types of simple machines.

10. Draw well labelled diagrams of the following :

land breeze, sea breeze, water cycle

Social Science (Question Bank)

Instructions:

- Questions to be done in the rough notebook.
- Answers will be discussed in class after holidays.

1. Fill in the blanks:

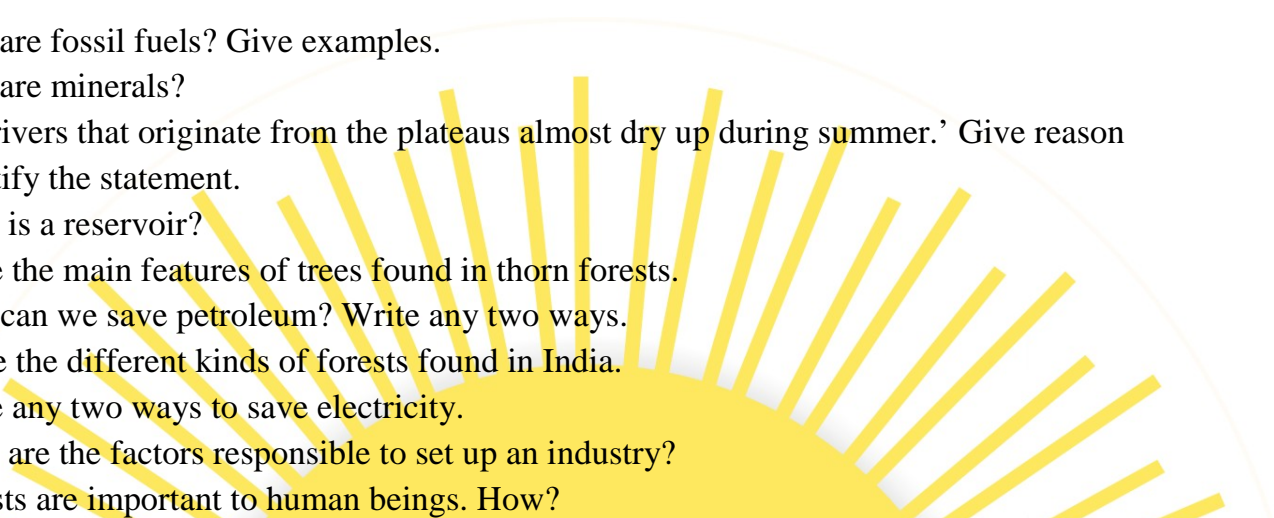
- a. _____ is material that satisfies our needs.
- b. Cotton textile mills are situated in the city of _____.
- c. Mountain forests are found in the state of _____.
- d. _____ industries are situated in cities.
- e. _____, a non-renewable resource to run steam engine and factories.
- f. Plants are also called _____.
- g. The _____ is the oldest national park in India.
- h. The _____ forests are found on the slopes of Western Ghats.
- i. _____ is the main source of fresh water.
- j. The _____ are the small channels to take water from the rivers to the fields.

2. Answer in one or two words:

- Service Before Self*
- a. A city in India where oil refinery is found _____
 - b. Full form of CNG _____
 - c. A metal made by mixing two or more metals _____
 - d. An official language of India _____
 - e. These dances are performed on festivals _____
 - f. Emperor Ashoka built Stupa at this place _____
 - g. The architect of the Constitution of India _____
 - h. Group of people who are less in number _____
 - i. The Directive Principles in our Constitution were adapted from the constitution of this country _____

3. Write short answers:

- a. Define laws.
- b. What are Fundamental Rights?

- 
- c. Name any two harvest festivals celebrated in India. Mention the name of the states where they are celebrated?
 - d. How many languages are recognised by the Constitution? Name the two official languages of India?
 - e. What are fossil fuels? Give examples.
 - f. What are minerals?
 - g. 'The rivers that originate from the plateaus almost dry up during summer.' Give reason
 - h. to justify the statement.
 - i. What is a reservoir?
 - j. Write the main features of trees found in thorn forests.
 - k. How can we save petroleum? Write any two ways.
 - l. Name the different kinds of forests found in India.
 - m. Write any two ways to save electricity.
 - n. What are the factors responsible to set up an industry?
 - o. 'Forests are important to human beings. How?

4. Answer the following questions:

- a. Write three differences between cottage industry and large-scale industry.
- b. What has government done to save the wildlife?
- c. Why do we need to conserve minerals?
- d. What is Persian wheel? How does it work?
- e. Write a short note on any two inexhaustible resources?
- f. Write a short note on Directive Principles.

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Winter Holiday Homework

Class-V

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Regards

Team SPS

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English

Utilize your days reading supplementary reader 'The Magic Faraway Tree' (Chapters 11-26); enjoy doing activities enclosed and submit them on the day of rejoining.

| | |
|---|--------------------------------|
| Name of the Book: | What I like the best: |
| Author of the Book: | What I did not like: |
| Publisher: | My Favourite Character: |
| Write the story in your own words: | |
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हिन्दी

वर्क शीट पेज: 16-19, 32-35

Mathematics (Hey Math)

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Science (Question Bank)

Instructions:

- Questions to be done in the Rough Notebook.
- Questions will be discussed later in the classroom.

1. Fill in the blanks:

- Ozone layer is located in the _____.
- The moon is about a _____ of earth's size.
- The instrument used to detect earthquakes is called a _____.
- Aquatic animals breathe in the _____ dissolved in water.
- A _____ is a wheel with a groove around its rim.
- Burning of candle is a _____ change.
- _____ hold the record for the longest spaceflight by a woman.
- _____ gas is dissolved in water is used by aquatic plants to make food.

2. Rewrite the given statement by changing the underlined word:

- Water is used as a heater in vehicles.
- Aryabhata was the first artificial satellite launched by Russia .
- Floods occur when rivers and streams dry up.
- Terrace farming is done in the plains.
- Granite is made up of the minerals feldspar and pyroxene.

3. Give reason for the following:

- Roads in hilly regions are inclined plains.
- Plants and trees lessen soil erosion.
- Pumice can float on water.
- Sun produces huge amounts of energy in the form of light and heat.
- Carbon dioxide dissolved in water good for aquatic plants.

4. Answer the following questions:

- What is atmosphere? List any two properties of air.
- Write the difference between solar eclipse and lunar eclipse in relation to the position of sun, earth and moon?

- c. What do seismologists do? How do they prove helpful to people living in earthquake-prone areas?
- d. How force is different from energy?
- e. What is matter? What is it made up of?
- f. What is air made up of ?
- g. Why does the moon have extremes of temperature?
- h. What is a tsunami? How is it caused?
- i. What is a lever? What are the three things in a lever?
- j. What is matter? What is it made up of?

5. Answer the following questions:

- a. Explain in brief any three methods how soil is conserved?
- b. What is a screw? Why does a screw hold the wood more firmly than a nail?
- c. Differentiate between physical and chemical changes (any three points).
- d. What type of rock is coal? How is it formed?
- e. How does an earthquake occur?
- f. How do water and wind act as agents of soil erosion?
- g. What is frictional force? How does it work? Give any one disadvantage of it.
- h. Differentiate between physical and chemical changes (any three points).
- i. How petroleum is formed? Write any one use of it? What are the products obtained from it?
- j. Explain how volcanoes are formed?

- 6.** Draw a well labeled diagram of soil profile.

Social Science (Question Bank)

Instructions:

- Questions to be done in the Rough Notebook.
- Questions will be discussed later in the classroom.

1. Fill in the blanks:

- a. The Revolt of 1857 started at _____.
- b. The custom of widow burning herself on the pyre of her husband was called _____.
- c. 22 policemen were killed in _____ so Gandhiji withdrew the Non-Cooperation Movement immediately.
- d. _____ are the wide roads with several lanes on which vehicles can travel faster.
- e. James Watt invented the _____.
- f. The members of Rajya Sabha are elected for a term of _____ years.
- g. The Parliament consists of the _____, Lok Sabha and the Rajya Sabha.
- h. The easiest and safest method of waste disposal is _____.
- i. The Revolt of 1857 was led by Begum Hazrat Mahal at _____.
- j. The Indian National Congress was formed by _____.

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2. Answer in one or two words:

- a. They introduced modern education in India _____
- b. He invented the television _____
- c. The last Mughal Emperor _____
- d. He formed the Indian National Congress _____
- e. The law-making body of our country _____
- f. He appoints the judges of the Supreme Court _____
- g. They look after collection and disposal of waste _____
- h. A method of waste disposal _____
- i. The country with the largest railway network _____
- j. The number of permanent members in the Security Council _____

3. Define:

- a. political party
- b. boycott
- c. revolutionary

4. Write short answers:

- a. What are the requirements to send an e-mail?
- b. Which factor sparked the First War of Independence?
- c. Who was Subhash Chandra Bose? How did he contribute to our national movement?
- d. What was the difference between the Moderates and Radicals?
- e. Write any two objectives of the United Nations.
- f. John, an American, is visiting India for 10 days. Is he allowed to vote during the Lok Sabha elections? Why/why not?
- g. Why were all countries interested in the formation of United Nations after the Second World War?
- h. Why is television the most popular means of communication?
- i. How is soil pollution caused?
- j. The labourers working in a factory are daily exposed to high levels of noise pollution. What can be the harmful effects?

5. Answer the following questions:

- a. What factors were responsible for suppression of the First War of Independence by the British?
- b. Why are airways costlier than waterways?
- c. Mention any three points to bring out the difference between Lok Sabha and Rajya Sabha.
- d. How is India contributing to the efforts of the United Nations?
- e. What are the causes of water pollution?

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