

Radiant Central Children Academy

Jalalpur-Ambedkar Nagar



Summer Vacation Homework

Class : VIII



www.radiantacademy.in

RADIANT CENTRAL CHILDREN ACADEMY
SUMMER VACATION HOMEWORK

एक होमवर्क ऐसा भी-

अभिभावक के लिए गृहकार्य—

◆ आपके बच्चों की देखभाल करने में हमें अच्छा लगा। आपने गौर किया होगा कि उन्हें स्कूल आना बहुत अच्छा लगता है। अगले 1 महीने उनके प्राकृतिक संरक्षक यानी आप उनके साथ छुट्टियां बिताएं। हम आपको कुछ टिप्स दे रहे हैं जिससे ये समय उनके लिए उपयोगी और खुशनुमा साबित हो।

◆-अपने बच्चों के साथ कम से कम दो बार खाना जरूर खाएं। उन्हें किसानों के महत्व और उनके कठिन परिश्रम के बारे में बताएं। और उन्हें बताएं कि अपना खाना बेकार न करें।

◆- खाने के बाद उन्हें अपनी प्लेटें खुद धोने दें। इस तरह के कार्यों से बच्चे मेहनत की कीमत समझेंगे।

◆- उन्हें अपने साथ खाना बनाने में मदद करने दें। उन्हें उनके लिए सब्जी या फिर सलाद बनाने दें।

◆- तीन पड़ोसियों के घर जाएं। उनके बारे में और जानें और घनिष्ठता बढ़ाएं।

◆- दादा-दादी/ नाना-नानी के घर जाएं और उन्हें बच्चों के साथ घुलने मिलने दें। उनका प्यार और भावनात्मक सहारा आपके बच्चों के लिए बहुत आवश्यक है। उनके साथ फोटो लें।

◆- उन्हें अपने काम करने की जगह पर लेकर जाएं जिससे वो समझ सकें कि आप परिवार के लिए कितनी मेहनत करते हैं।

◆- किसी भी स्थानीय त्योहार या स्थानीय बाजार को मिस न करें।

◆- अपने बच्चों को किचन गार्डन बनाने के लिए बीज बोने के लिए प्रेरित करें। पेड़ पौधों के बारे में जानकारी होना भी आपके बच्चे के विकास के लिए जरूरी है।

◆- अपने बचपन और अपने परिवार के इतिहास के बारे में बच्चों को बताएं।

◆- उन्हें कुछ लोक गीत सुनाएं।

◆- अपने बच्चों के लिए रंग बिरंगी तस्वीरों वाली कुछ कहानी की किताबें लेकर आएं।

◆- उन्हें चॉकलेट्स, जैली, क्रीम केक, चिप्स, गैस वाले पेय पदार्थ और पफ्स जैसे बेकरी प्रोडक्ट्स और समोसे जैसे तले हुए खाद्य पदार्थ देने से बचें।

◆- अपने बच्चों की आंखों में देखें और ईश्वर को धन्यवाद दें कि उन्होंने इतना अच्छा उपहार आपको दिया। अब से आने वाले कुछ सालों में वो नई ऊंचाइयों पर होंगे।

CLASS-8
ENGLISH

Day-1

Q.1. Read the story 'The Selfish Giant' of the book 'It so happened' carefully and answer the questions that follow in about 20 to 30 words. (Page No. 17- 19)

a. Why is the Giant called selfish?

b. On one occasion the children said. "How happy we are here!" Later they said: "How happy we were there!" What are they referring to in both the cases?

c. Why did the children go to the Giant's Garden?

Q.2. Camel is called the ship of desert. Why? Write Ten interesting facts about camels with pictures. Visit the site for more info. <https://www.worldatlas.com>.

Day-2

Q.1. Read the story 'The Selfish Giant' of the book 'It so happened' carefully and answer the questions that follow 20 to 30 words. (Page No. 17- 19)

a. Why did the spring not enter the Giant's Garden?

b. Why did the flowers go back into the ground?

c. Who was roaring in the garden and why?

Q.2. What one throws away as waste may be valuable to others. Do you find this sentence meaningful in the context of this story 'Children at work'? How?

Day-3

Q.1. Read the story 'The Selfish Giant' of the book 'It so happened' carefully and answer the questions that follow 20 to 30 words. (Page No. 20- 21)

a. How did the Giant realized that spring has visited in his garden?

b. How did the children enter into the garden?

c. Why did the Giant say that the children are the most beautiful flowers of all?

Q.2. What problems do millions of poor children face in India? What basic issue does the story discuss?

Day-4

Q.1. Read the story 'The Selfish Giant' of the book 'It so happened' carefully and answer the questions that follow 20 to 30 words. (Page No. 22- 23)

- 'The Giant's heart melted'. How did he become a changed person?
- Describe the first meeting of the little boy and the Giant.
- Why was still winter in one corner of the garden?

Q.2. 'Service for welfare of other should be the aim of human deeds.' Elaborate it in the light of the chapter.

Day- 5

Q.1. Read the story 'The Selfish Giant' of the book 'It so happened' carefully and answer the questions that follow 20 to 30 words. (Page No. 22- 23)

- Describe the second meeting of the little boy and the Giant?
- The Giant lay dead, all covered with white blossoms. What does this sentence indicate about the Giant?
- 'The good always win over evil' Describe in your words.

Q.2. Is there something like this garden near the place where you live? Would you like one (without the Giant perhaps) and why? What would you do to keep it in good shape?

Day- 6

Q.1. Encircle the subordinate cause and underline the principal clause in the following sentences.

- She often wondered how Ravi could pass.
- I am afraid that she will never return.
- The girls who do such things are stupid.
- The boy whom I met yesterday lent me a book.
- If he ran fast, he would catch the train.
- He is as intelligent as his brother.

Q.2. You had a memorable time with your friends spending the summer holidays at a beautiful place.

Make a diary entry expressing your joy.

Day- 7

Q.1. Rearrange the words/phrases given below to form meaningful sentences.

- praised / she / be / to / likes.
- beautiful/Manisha/is/a/young dog.
- policemen / group / works / of /with a / she
- never/himself/large/solutions/economic/with/Gandhiji/political/or/contented

Q.2. Match each subject with its predicate:

- | | |
|------------------|--------------------------------------|
| a. Mrs. Jacob | 1 pounced upon a stag in the jungle. |
| b. The lion | 2 is our new teacher. |
| c. Honeybees | 3 asked for our ticket. |
| d. The Sun | 4 cried wildly for milk. |
| e. The TTE | 5 are making honeycomb. |
| f. The child | 6 is shining brightly. |
| g. An earthquake | 7 is a precious metal. |
| h. Gold | 8 is a natural calamity. |

3. Handwriting Practice; Write the given lines in beautiful cursive handwriting.

One of the Germans was waving a bottle above his head. "It is Christmas Day, Tommy. We have schnapps. We have sausage. We meet you? Yes?" By this time there were dozens of them walking towards us across no man's land and not a rifle between them. Little Private Morris was the first up. "Come on, boys. What are we waiting for?" And then there was no stopping them. I was the officer. I should have stopped them there and then, I suppose, but the truth is that it never even occurred to me I should. All along their line and ours I could see men walking slowly towards one another, grey coats, khaki coats meeting in the middle. And I was one of them. I was part of this. In the middle of the war, we were making peace.

Day- 8

Q.1. Correct the following sentences and rewrite them:

- Your scissors are quite dull.

- b. These pieces of advices will change my life.
- c. Politics are his chief interest.
- d. He has packed all his luggages.
- e. I have three pairs of shoes.
- f. He gave me informations.

2. Handwriting Practice; Write the given lines in beautiful cursive handwriting.

I folded the letter again and slipped it carefully back into its envelope. I kept awake all night. By morning I knew what I had to do. I drove into Bridport, just a few miles away. I asked a boy walking his dog where Copper Beeches was. House number 12 turned out to be nothing but a burned-out shell, the roof gaping, the windows boarded-up. I knocked at the house next door and asked if anyone knew the whereabouts of a Mrs Macpherson. Oh yes, said the old man in his slippers, he knew her well. A lovely old lady, he told me, a bit muddle-headed, but at her age she was entitled to be, wasn't she? A hundred and one years old. She had been in the house when it caught fire. No one really knew how the fire had started, but it could well have been candles. She used candles rather than electricity, because she always thought electricity was too expensive. The fireman had got her out just in time. She was in a nursing home now, he told me, Burlington House, on the Dorchester Road, on the other side of town.

Day- 9

1. Read the passage given below and answer the questions that follow:

Uranium is a metal with valuable properties .it provided mankind with the key that unlocked the tremendous energy of atom.it has natural radiation which can be used in medicine, agriculture, industry and biology. Pure Uranium metal looks like silver or steel. But it is heavier than that. A one -foot cube of uranium weighs over a half a ton. It is the heaviest element found in nature.

Uranium has two very unusual characteristics. It is radioactive. Its atoms break down slowly, releasing energy in form of radiation. Some of its atoms are capable of fission, releasing vast amounts of energy. Uranium's 'fissionability' is the basis of all nuclear power plants and nuclear weapons.

Chemically, uranium is very reactive. When a piece of uranium is exposed to air, it develops a blackish coating, which is a combination of uranium and oxygen in the air. It also forms important compounds with many other elements.

Uranium is widely distributed in small amounts. It is never found in nature in a pure State. Hence, the process of extracting uranium is complicated and take a long time. A single pound of uranium contains as much energy as three million pounds of coal. In nuclear reactors, the shattering uranium atoms produce large quantities of heat. The heat produced thus can be used to turn a turbine, which drives an electric generator.

- a. What are the benefits of uranium for the mankind?
- b. Why is the uranium used for nuclear power plants?
- c. What happens when uranium is exposed to air?
- d. Why is the process of extracting uranium complicated?
- e. Find word from the passage which means the same as 'vast'.

Q.2. Write a paragraph on the topic 'Save Earth' in (100-150) words.



- The Earth has Air, Water and Vegetation.
- By Saving the Earth we Save All Life.
- Air Pollution is a Source of Environmental Destruction.

- Water Pollution and Deforestation Degrade the Earth.
- The Earth must be Saved for our Own Survival.

Day- 10

1. Read the following passage and answer the questions that follow:

I was the kid who sat on the side-lines and watched others having a good time splashing about in the sea, wishing I could swim. Eventually, I learned how to, the hard way. My brothers threw me into the water. As I floundered and nearly drowned, it didn't occur to me then that my brothers had taught me two important skills: survival and independence. These skills were gifts that I relied on numerous times over as an adult. As a child, I was game for anything. Nothing fascinated me more than the chance to try something new. If nothing else, my curiosity was fuelled by the desire to test my limits. I was sixteen when I climbed my first mountain. It was Gunung Ledang in Johor, Malaysia, in 1980. It was a horrible experience. I found the heat and thickness of the jungle overwhelming. The night spent on the summit was cold and lonely. As I lay in my tent, with my knees curled to my chin, I vowed that I would never climb another mountain.

And yet, ironically, I was one of the two climbers from the first Singapore Mount Everest Expedition who summited Mount Everest in May 1998.

- Why did the writer consider his childhood average?
- Why did the writer say that 'the ability to swim comes almost naturally to any kid growing up in Port Dickson'?
- When did the writer learn to appreciate the skills his brothers taught him that day at the sea?
- What made the writer vow never to climb again after his Gunung Ledang trip?
- Find the synonym of the word 'submerged' from the above passage.

Q.2. You are Rohit/ Rohini head boy/ girl of R. L. V. School Patna. Draft a notice informing the students about Essay Writing Competition to be held in new computer lab of your school. Invent the necessary details about the same.

कक्षा -8 हिंदी

प्रथम दिवस

1- निम्नलिखित गद्यांशों को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर गद्यांश के आधार पर लिखिए-

कविवर रवींद्रनाथ टैगोर को नोबल पुरस्कार मिला। देश-विदेश से बधाई के संदेश आए। उनके पड़ोसी ने उन्हें बधाई नहीं दी। टैगोर, को यह व्यवहार अखरा, लेकिन उन्होंने उसे भुलाने की कोशिश की, पर भुला नहीं पाए। बार-बार उनके सामने उसका चेहरा आ जाता था। वह जब-जब उसके बारे में सोचते क्रोध से भर जाते। अगली सुबह वह समुद्र के किनारे टहल रहे थे। सूर्य की किरणों में सागर चाँदी-सा चमक रहा था। तभी उनकी नज़र करीब ही पानी से भरे गड्ढे पर पड़ी। वहाँ भी सूर्य की किरणें बराबर पड़ रही थीं। तभी उनको ख्याल आया कि सूर्य ने तो सब पर बराबर किरणें फैलाई हैं। उसने तो समुद्र और गड्ढे में कोई अंतर नहीं किया। टैगोर को अपनी गलती का अहसास हुआ कि यदि दूसरा अपनी उदारता छोड़ रहा है तो वे क्यों छोड़ें? तत्काल उन्होंने उसके घर जाकर उनके चरण-स्पर्श किए। उसकी आँखें गीली हो गईं। वह बोला कि आप जैसे देवतुल्य को यह पुरस्कार मिलना ही चाहिए था। यह कहकर उसने टैगोर के चरण-स्पर्श किए। दोनों के बीच की दूरी मिट गई।

- रवींद्रनाथ को पड़ोसी का व्यवहार क्यों अखरा?
- पड़ोसी के व्यवहार से टैगोर का व्यवहार किस प्रकार प्रभावित हो रहा था?
- टैगोर को अपनी गलती का अहसास कब हुआ?
- पड़ोसी ने अपने व्यवहार की भूल किस प्रकार सुधारी?
- गद्यांश से आपको क्या शिक्षा मिलती है?

द्वितीय दिवस

2- हिमपात का दृश्य अत्यंत मोहक होता है। सभी के मन पर यह लालसा रहती है कि वे अपने जीवन में एक बार हिमपात का दृश्य अवश्य देखें। उपर्युक्त दृश्य की आधार पर कविता लेखन कीजिए।

तृतीय दिवस

3- किसी भी पर्यटन स्थल की जानकारी एकत्र करके उस पर परियोजना बनाइए।

चतुर्थ दिवस

इस पर्यटन स्थल की मुख्य जानकारियाँ लिखिए।

पंचम दिवस

4- "भारत के बदलते गांव" और "शहरीकरण तथा पर्यावरण" विषय पर अनुच्छेद लिखिए।

षष्ठम दिवस

5- आजकल प्रत्येक क्षेत्र में वस्तुओं के प्रचार के लिए पत्रिकाओं में विज्ञापन दिए जाते हैं। क्या आप विज्ञापन से प्रभावित होते हैं? अपने विचार लिखते हुए कपड़ों पर लगी सेल के लिए एक विज्ञापन बनाइए।

सप्तम दिवस

6- मित्र को उसके जन्मदिन पर देने के लिए एक बधाई कार्ड बनाइए।

अष्टम दिवस

7- एकाएक बस रुक गई। मालूम हुआ कि पेट्रोल की टंकी में छेद हो गया है। ड्राइवर ने बाल्टी में पेट्रोल निकालकर उसे बगल में रखा और नली डालकर इंजन में भेजने लगा। अब मैं उम्मीद कर रहा था कि थोड़ी देर बाद बस कंपनी के हिस्सेदार इंजन को निकालकर गोद में रख लेंगे और उसे से पेट्रोल पिलाएँगे, जैसे माँ बच्चे के मुँह में दूध की शीशी लगाती है। बस की रफ़्तार अब पंद्रह-बीस मील हो गई थी। मुझे उसके किसी हिस्से पर भरोसा नहीं था। ब्रेक फेल हो सकता है, स्टीयरिंग टूट सकता है। प्रकृति के दृश्य बहुत लुभावने थे। दोनों तरफ़ हरे-भरे पेड़ थे जिन पर पक्षी बैठे थे। मैं हर पेड़ को अपना दुश्मन समझ रहा था। जो भी पेड़ आता, डर लगता कि इससे बस टकराएगी। वह निकल जाता तो दूसरे पेड़ का इंतज़ार करता। झील दिखती तो सोचता कि इसमें बस गोता लगा जाएगी।

उपर्युक्त गद्यांश को पढ़कर स्वच्छ अक्षरों में सुलेख लिखिए।

नवम दिवस

8. रेखांकित शब्दों के लिंग बदलकर वाक्यों को दोबारा लिखिए।

(क) इस कविता के रचयिता एक प्रसिद्ध कवि है।

(ख) हमारे सम्राट अत्यंत विद्वान है।

(ग) आचार्य के शिष्य बुद्धिमान है।

(घ) आजकल नेताओं और अभिनेत्रियों की चांदी है।

(ड) घर में एक युवक ने प्रवेश किया।

9. सही कारक (करण करक / अपादान करक) बताएं।

(क) वह पेड़ से गिरा।

(ख) कमरा फूलों से सजाइए।

(ग) रेल स्टेशन से चली।

(घ) उसने कलम से लिखा।

(ङ) रंगों से रंगोली बनाइए।

(च) मधुर स्कूल से चला गया।

दशम दिवस

10. नीचे लिखे वाक्यों में कुछ देशों या प्रदेशों अथवा शहरों के नाम छिपे हैं। ढूँढो तो जानें-

1. छोटू जल्दी जा पान लेकर आ।.....

2. जब से चोट लगी है महिमा चल नहीं पाती।.....

3. उसने पाल घाट में जमीन खरीदी है।.....

4. देवधर का मकान पुरलिया रोड़ पर है।.....

5. अनुष्का बुलबुल से बहुत प्यार करती है।.....

6. दुकान पर मोची नहीं मिला।.....

7. चारू सब्जी खरीदने बाजार गई है।.....

MATHEMATICS

DAY-1

1. Add the following-

i. $987+10056$

ii. $32.001+125.3$

iii. $-12+(-45)$

2. Subtract the following-

i. $10098-9654$

iii. $(-54) - (-84)$

ii. $65-23.458$

3. Multiply the following-

- i. 39×95
 - ii. 0.004×25
 - iii. $35 \times (-7)$
4. Divide the following-
- i. $9168 \div 8$
 - ii. $0.25 \div 0.005$
 - iii. $(-125) \div 5$

DAY-2

- 1) Solve:
- a. $\frac{13}{9} + \frac{10}{9}$
 - b.
 - c. $\frac{7}{8} + 2\frac{4}{8} + 3\frac{1}{8}$
 - d. $\frac{4}{7} - \frac{1}{7}$
 - e. $4\frac{4}{13} - 1\frac{6}{13}$
 - f. $4 - \frac{4}{9}$

- 2) Find:
- a. $\frac{27}{8} \times \frac{4}{9}$
 - b. $5 \times \frac{6}{25}$
 - c. $\frac{72}{74} \times 2$
 - d. $1\frac{8}{15} \times 8\frac{1}{3}$
- 3) Find:
- a. $8\frac{4}{9} \div \frac{16}{5}$
 - b. $11 \div \frac{121}{5}$
 - c. $5\frac{1}{7} \div 9$
 - d. $\frac{3}{2} \div 5\frac{1}{4}$

DAY-3

1. Four friends had a competition to see how far could. They hop on one fact. The table given shows the distance covered by each.

Name	Distance covered (km)
Seema	$\frac{1}{25}$
Nancy	$\frac{1}{32}$
Megha	$\frac{1}{40}$
Soni	$\frac{1}{20}$

- (a) How partner did Soni hop than Nancy?

(b) What is the total distance covered by Seema and Megha?

(c) Who walked further, Nancy or Megha?

DAY-4

PUZZLE

Given below is a magic square. Place the numbers $\frac{70}{95}, \frac{-21}{-133}, \frac{25}{95}, \frac{24}{38}$ in the appropriate squares so that sum in each row, column and diagonal is equal.

$\frac{32}{38}$	$\frac{18}{38}$	$\frac{4}{38}$	$\frac{-14}{-38}$
$\frac{-18}{-57}$?	?	$\frac{104}{152}$
$\frac{22}{38}$?	?	$\frac{-20}{-95}$
$\frac{1}{19}$	$\frac{-16}{-38}$	$\frac{45}{57}$	$\frac{60}{114}$

DAY-5

- Add-
 - $8a, 9a, -7a$
 - $5d + 7, 8-7d, 1+2d$
 - $x+y+z, 2x+5y, 9z-8x -2y$
- subtract-
 - $9t$ from $4t$
 - $4f+4$ from $9-3f$
 - $2n+6m+1$ from $9-5n-8m$
- Simplify-
 - $6m + 5-9n+5m-4+12 n$
 - $1-(2t-t+6)-8t$

DAY-6

- Solve for x : $\frac{x}{3} + 1 = \frac{7}{15}$.
- Solve : $2x - 3 = x + 2$.
- Solve : $2y + \frac{5}{3} = \frac{26}{3} - y$.
- The solution of the equation $2y = 5y - \frac{18}{5}$ is
- Check whether $x = 2$ is a solution of the equation $\frac{2x}{3} + 1 = \frac{7}{3}$.
- Say whether 'True' or 'False': $9x - 12y + 10 = 0$ is a linear equation in one variable.
- Any value of the variable which makes both sides of an equation equal is known as a of the equation.

DAY-7

- What will be the perimeter of regular hexagon of side 7cm?
- What will be the perimeter and area of a square of side 8.2cm?
- If base of a triangle is 12cm and area is 108cm^2 , find its height.

4. What will be the circumference and area of a circle if its radius is 3.5cm?

DAY-8

Measure the length, breadth and height of a room and find the area of each wall. Find volume also.

DAY-9

Collect the data of minimum and maximum temperature of 5 days and represent it on double bar graph.

DAY-10

1. Find 10% of 120.
2. If $x\%$ of 256 is 2.56, find x .
3. If cost price of an article is Rs 400. If it sells at a profit of 12%, find S.P.
4. If a television sells Rs 18000 at a loss of 10%. Find its cost price.
5. Find the interest and amount if $P = \text{Rs } 5000$, $R = 7\% \text{ p.a}$ and $T = 4 \text{ years}$.

Science

DAY - 1

1. What is pisciculture?
2. What is animal husbandry? What products do you get from animals as food and other than food?

Day - 2

1. Despite being one of the growing economies, our country still has a large section of population going hungry and malnourished. Do you think an efficient crop production mechanism is the only solution to this? Discuss it with your parents what else needs to be done to root out hunger and malnutrition from our country. Write your discussion in your notebook.

Day - 3

1. Seeds should be sown at an appropriate depth and distance. Why?
2. What is water logging and its impact?

Day - 4

1. Raunak was suffering from suffering from common cold and flu for last 2-3 days. He asked for some antibiotic tablets to his father. His father refused. Why?
2. Why viruses are said to be the border line dividing the living things from non- living things?

Day - 5

1. Use of polythene bags has been banned in many states. Why?
2. Can we use thermoplastic to make handles of cooking utensils or cook wares? Why or why not?

Day -6

1. Make a group of 3-4 children and make placards with slogans like 'Say No to Plastics'. Paste these cards in and around your home. And take a picture and paste it in your scrapbook.

Day - 7

1. A farmer uses dried neem leaves to store his grains in a metallic container. Give reason.
2. Beera wants to practice crop rotation in his field. Suggest a rabi crop and a kharif crop which will replenish his field with nitrogen. Which crops replenish nitrogen and why?

Day - 8

1. Should antibiotics be used in cold and flu? Give reasons for your answer.

2. Explain and draw nitrogen cycle.

Day - 9

1. Plastic is used for making a large variety of articles of daily use and these articles are very attractive. But it is advised to avoid the use of plastic as far as possible. Why?
2. What are thermosetting plastics? Write two examples with their characteristics.

Day - 10

1. What is organic food?
2. What are disadvantages of fertilisers?
3. What are the advantages of manure?

SOCIAL SCIENCE

- 1- In a project file paste pictures of any three Presidents and Prime Ministers of India and prepare a biographical detail of a former President of India (Dr. Rajendra Prasad). Write about his achievements and vision.
- 2- Watch a movie related to Indian/world history and prepare a review on it (in your own words in about 150- 300 words).
- 3- On an outline map of India, mark the states annexed by Lord Dalhousie on the basis of the Doctrine of lapse.
- 4- Survey-(i) Complete the following information about private and public health services in your area-

SERVICES	PRIVATE HEALTH SERVICES FEES/RATE OF SERVICES	PUBLIC HEALTH SERVICES FEES/RATE OF SERVICES
CONSULTATION FEE		
ULTRASOUND		
BLOOD TEST		
CT SCAN		
ANTIGEN TEST (COVID-19)		
X-RAY		

- (ii) With the help of above information and your observation write differences between private and public health services.

Art

1. Draw “Madhu Bani” painting on a chart paper of dimension 35 cm x 28 cm.
2. Book Syllabus work complete upto (Tree Sketch pen work).
3. Collect empty water/cold drink bottle.