

CLASS 4  
HOLIDAY HOMEWORK

*Hooray! The holidays are here – a perfect time for fun, family, and discovery! But guess what? Learning doesn't stop – it just gets more exciting! This holiday homework is filled with interesting activities, puzzles, and mini-adventures that will make you think, create, and smile. So, grab your pencils, open your minds, and let the holiday learning journey begin!*



*Dear Children,*

*Wishing you all a joyful, refreshing, and fun-filled summer break! This is the perfect time to relax, recharge, and spend some beautiful moments with your family. Make the most of this wonderful season by bonding with your loved ones, exploring new hobbies, and learning through joyful experiences.*

*To help you stay connected with your learning in a light and engaging way, we have prepared a set of summer worksheets for you.*

- *Please take printouts of only the worksheets and complete them independently after revising the concepts we learned in the class. This will help you reinforce your understanding while keeping your mind active during the break.*
- *A project work based on Sikkim is given Roll no. wise. Make the one allotted to your Roll no.*
  
- *There are questions based on the project from different subjects.*
- *Use a separate A4 sheet for each subject.*
- *Write your Name, Class, Section, Roll Number, and Subject Name on every sheet.*
- *Handwriting should be neat and legible.*
- *Parents may guide, but the work should be done by the student.*
- *Arrange all sheets properly and submit them in a folder/file after the summer vacation.*

➤ 🧠 Learning Beyond the Classroom: 🏔️ Discovering Sikkim – Jewel of the Northeast!

## Integrated Project – Based on Sikkim

Sikkim has a rich culture filled with exciting traditional sports like bamboo shoot, archery and unique board games, alongside modern adventure sports made possible by its snowy Himalayan peaks and rushing rivers.

This summer, you will be the model makers of Sikkim's traditional games. **Your mission is to create a mini version of a traditional Sikkimese game.**

Get creative, use appropriate and easily available materials and bring your finished game model back to school.

### 1. Archery (Dha) (Roll numbers from 1 to 8)

Archery is one of the most beloved traditional sports in Sikkim, practiced during festivals and cultural events. It involves shooting targets from an impressive distance using bows carved entirely from local bamboo.

**Important** – do not use sharpened materials to make arrows. Use your creativity to make it safer to bring and play.



### 2. Thang-Ta — Tabletop Stick Balance Duel (Roll number from 9 to 16)

A completely safe, desk-friendly version that still captures the skill and strategy of this martial art. (You can use sticks or cardboard roll as players and play the game on the made-up arena)



### 3. Pulu (Polo) — Marble Push Polo (Roll numbers from 17 to 24)

A wonderful tabletop version of the traditional Himalayan polo game — easy to play on any flat desk!



### 4. Bagh-Chal (Tiger and Goats) (Roll numbers from 25 to 32)

This is arguably the most famous traditional board game of the Himalayan region including Sikkim and Nepal. "Bagh" means Tiger and "Chal" means Move. It is a two-player strategy game — one player controls 4 tigers and the other controls 20 goats. It is like chess in terms of how much thinking it requires!



## हिंदी

सिक्किम भारत का एक ऐसा प्रदेश है जो अपने प्राकृतिक सुंदरता के लिए जाना जाता है। इसकी प्राकृतिक सुंदरता में फूल जैसे नोबेल आर्किड, गुराँस, ब्रह्म कमल, मैगनोलिया आदि बहुत बड़ी भूमिका निभाते हैं। अतः सिक्किम राज्य के किन्हीं दो प्रमुख फूलों का चित्र अलग-अलग A4 शीट पर बनाएँ, नाम लिखें, रंग भरें और उनके बारे में कुछ जानकारी तीन से चार वाक्यों में लिखें।



## Mathematics

Math Challenge: Sikkim Game Stats

1. Archery : An archer hits the bullseye 6 times. Each bullseye is worth 75 points. Calculate the archer's total score.

•Task: Show your multiplication steps.

2. Thang-Ta : You have a bundle of 448 bamboo sticks to make mini-models for your classmates. If each model needs 8 sticks, how many students can make a model?

•Task: Perform the long division.

3. Pulu : In a Pulu match, the "Red Team" scored 1,450 points and the "Blue Team" scored 975 points. How many more points did the Red Team score?

•Task: Arrange the numbers in place value columns before subtracting.

## Science

Science Corner: Forces & Adaptations

1. Archery (Plant Adaptations)Sikkimese bows are made from Bamboo.

•Question: Bamboo has a hollow but strong stem. How does this specific adaptation help the plant survive in the windy, high-altitude climate of Sikkim?

2. Thang-Ta (Gravity & Balance)In this game, players must balance a stick perfectly to win.

•Question: Which invisible force is constantly pulling the stick toward the Earth, making it difficult to balance? (Gravity or Magnetism?)

English

Worksheet 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

UNSEEN POEM



**Read the unseen poem given below and answer the following questions.**

***Beautiful Sikkim***

High up in the mountains tall,  
Sikkim is loved by one and all.  
With snowy peaks and rivers bright,  
The stars shine there at night.

Colourful flowers bloom in spring,  
Sweet little birds happily sing.  
Monasteries peaceful and grand,  
Make Sikkim a magical land.

People smile and warmly greet,  
The air is fresh and very sweet.  
Nature's beauty can be seen,  
In every valley fresh and green.

**A. Choose the correct answer.**

1. Sikkim is in the

- a) desert
- b) mountains
- c) jungle

2. What shines at night?

- a) Sun
- b) clouds
- c) stars

3. What bloom in spring?

- a) flowers
- b) leaves
- c) fruits

4. The monasteries in Sikkim are

- a) noisy
- b) peaceful
- c) dirty

**B. Answer the following questions.**

What do the birds do in Sikkim?

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2. How do people greet others in Sikkim?

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3. Write two things that make Sikkim beautiful.

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**C. Vocabulary**

1. Find a word from the poem that means "large valleys between hills." \_\_\_\_\_

2. Find the opposite of "dirty" from the poem. \_\_\_\_\_

English

Worksheet 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

PUNCTUATION

Correctly punctuate the following sentences.

1. was watching the puppy chasing its tail fun



\_\_\_\_\_.

2. its important to write in clear simple accurate words



\_\_\_\_\_.

3. mumbai is the capital of Maharashtra



\_\_\_\_\_.

4. that birthday cake was so good



\_\_\_\_\_.

5. who told you this



\_\_\_\_\_.

6. I ate pizza, burger and chips at Riya's birthday party



\_\_\_\_\_.

7. Don't go outside she said



\_\_\_\_\_.

8. pick up the blue ball



\_\_\_\_\_.

9. give me an apple please



10. hurrah we have won the match



## PARROTS

Fill in the blanks with the words in the box to complete the passage.

fruits

funny

rainforests

feathers

pets

colourful

fascinating

strong

Parrots are \_\_\_\_\_ and clever birds. They have bright \_\_\_\_\_

and are often green, red or blue.

Parrots can talk, and they can make funny sounds. They live in warm and sunny places

like the \_\_\_\_\_

Parrots love to eat \_\_\_\_\_ and seeds. They can fly really well with their

\_\_\_\_\_ wings. Some people keep parrots as \_\_\_\_\_ because they are friendly

and love to play.



## हिंदी गृहकार्य

अभ्यास कार्य ( प्रिंट आउट लेकर भाषा की कार्यपुस्तिका में चिपकाएँ )

प्रश्न-1 नीचे दिए गए व्यंजन के वर्गों को पूरा करें: -

क वर्ग-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
प वर्ग-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

प्रश्न-2 दिए गए संयुक्त व्यंजन से बनने वाले वर्ण लिखें: -

क्+ष+अ =	<input type="text"/>	त्+र्+अ =	<input type="text"/>
श्+र्+अ =	<input type="text"/>	ज्+ञ+अ =	<input type="text"/>

प्रश्न-3 दिए गए द्वित्व व्यंजन से बनने वाले दो-दो शब्द लिखें: -

ल्ल-	<input type="text"/>	<input type="text"/>
च्च-	<input type="text"/>	<input type="text"/>

प्रश्न-4 अनुस्वार और अनुनासिक वाले दो-दो शब्द लिखें: -

अनुस्वार	<input type="text"/>	<input type="text"/>
अनुनासिक	<input type="text"/>	<input type="text"/>

प्रश्न-6 दिए गए शब्दों में उचित आगत स्वर और नुक्ता स्वर वाले शब्द छाँटकर लिखें: -

डॉक्टर, पेड़, कड़ा, कर्ज़, चढ़ाई, ज़मीन, कार्य, रुमाल, कॉपी

आगत स्वर	<input type="text"/>	<input type="text"/>
नुक्ता स्वर	<input type="text"/>	<input type="text"/>

प्रश्न-7 रु और रू वाले दो-दो शब्द लिखें: -

रु	<input type="text"/>	<input type="text"/>
रू	<input type="text"/>	<input type="text"/>

**प्रश्न8-निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दें: -**

एशिया में अरब सागर के तट पर स्थित ओमान एक छोटा लेकिन खूबसूरत देश है। इसके उत्तर-पश्चिम में संयुक्त अरब-अमीरात, दक्षिण-पश्चिम में यमन तथा पश्चिम में साउदी अरब स्थित हैं। ओमान की राजधानी मस्कट बहुत ही खूबसूरत शहर है। यहाँ की मुद्रा 'रियाल' तथा भाषा 'अरबी' है। ओमान में भारतीयों की संख्या भी बहुत अधिक है जिनमें से अधिकतर दक्षिण भारतीय हैं यही कारण है कि वहाँ हिंदी के अलावा भारत की क्षेत्रीय भाषाएँ तमिल, मलयालम भी बोली जाती हैं। यहाँ रहने वाले भारतीयों ने अपनी भाषा, संस्कृति तथा परम्पराओं को बचाए रखते हुए यहाँ की परिस्थितियों को भी अपना लिया है।

क) ओमान कहाँ स्थित है ?

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ख) ओमान के आस-पास कौन से देश स्थित हैं ?

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ग) ओमान की राजधानी का नाम क्या है और वह कैसा शहर है ?

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घ) ओमान की मुद्रा कौन सी है और यहाँ कौन-सी भाषा बोली जाती है ?

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ङ) ओमान में हिंदी के अतिरिक्त कौन-कौन सी भारतीय भाषा बोली जाती है ?

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**प्रश्न-9 दिए गए प्रश्नों के उत्तर निर्देश के अनुसार गद्यांश से ढूँढकर दें: -**

क) व्यक्तिवाचक संज्ञा चुनें: -

- i) ओमान \_\_\_\_\_ ii) देश \_\_\_\_\_ iii) संस्कृति \_\_\_\_\_ iv) भारतीयों \_\_\_\_\_



# Mathematics

## Worksheet 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### **. PLACE VALUE & NUMBER SENSE**

#### **1. Crack the Number!**

a) I am the smallest 6-digit number formed using 4, 8, 1, 9, 3, 6.

I am \_\_\_\_\_

b) Write the greatest number possible using 5, 0, 7, 2, 8.

\_\_\_\_\_

c) What is the place value of 5 in 3,45,781?

\_\_\_\_\_

d) Which number is greater? Circle it.

4,89,765 OR 4,98,567

\_\_\_\_\_

#### **2. Expand the Mystery Numbers.**

a) 6,07,452

\_\_\_\_\_

b) 9,45,120

\_\_\_\_\_

#### **3. Number Names Challenge**

a) 7,08,905

\_\_\_\_\_

b) 3,90,456

\_\_\_\_\_

## C. ADDITION FUN

### 4. Solve the Puzzle Sums by filling the blanks

a)

$$\begin{array}{r} 4875 \\ + \_321 \\ \hline 8196 \end{array}$$

b)

$$\begin{array}{r} \_567 \\ + 21\_8 \\ \hline 4705 \end{array}$$

### 5. Treasure Collection

Riya collected 2,345 shells and her brother collected 1,978 shells. How many shells did they collect together?

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Answer: \_\_\_\_\_

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## SUBTRACTION ADVENTURE

### 6. Fill the Missing Digits.

a)

$$\begin{array}{r} 7\_45 \\ - 231\_ \\ \hline 5133 \end{array}$$

b)

$$\begin{array}{r} 90\_0 \\ - \_565 \\ \hline 4435 \end{array}$$

## 7. Balloon Burst

There were 5,000 balloons at a fair. 2,786 balloons burst during the day. How many balloons were left?

Answer: \_\_\_\_\_

## E. ADDITION BY SPLITTING BOTH NUMBERS

### 8. Split and Add.

a)  $240 + 13$

b)  $25 + 67$

## F. SUBTRACTION BY COUNTING FORWARD

### 9. Jump Forward to Subtract.

a)  $98 - 36$

b)  $167 - 75$

# Mathematics

## Worksheet 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### A. MULTIPLICATION MAGIC

#### 1. Solve the Quick Multiplications.

a)

$$\begin{array}{r} 234 \\ \times 4 \\ \hline \end{array}$$

b)

$$\begin{array}{r} 452 \\ \times 9 \\ \hline \end{array}$$

c)

$$\begin{array}{r} 315 \\ \times 3 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 697 \\ \times 7 \\ \hline \end{array}$$

#### 2. Multiply Like a Champion

a)

$$\begin{array}{r} 124 \\ \times 12 \\ \hline \end{array}$$

b)

$$\begin{array}{r} 543 \\ \times 35 \\ \hline \end{array}$$

c)

$$\begin{array}{r} 213 \\ \times 314 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 768 \\ \times 600 \\ \hline \end{array}$$

## B. ROMAN NUMERALS QUEST

### 3. Write in Roman Numerals.

a) 19 = \_\_\_\_\_

b) 44 = \_\_\_\_\_

c) 76 = \_\_\_\_\_

d) 95 = \_\_\_\_\_

### 4. Decode the Roman Numerals.

a) XLVIII = \_\_\_\_\_

b) XCIX = \_\_\_\_\_

c) LXXV = \_\_\_\_\_

d) XXIX = \_\_\_\_\_

## C. BRAIN BOOSTERS

### 5. Think and Answer.

a) The successor of 99,999 is \_\_\_\_\_

b) The smallest 5-digit number is \_\_\_\_\_

c) 8 hundreds + 4 tens + 6 ones = \_\_\_\_\_

d) Which number has more value?

5 in 54,321 OR 5 in 2,56,789

## D. CASE STUDY – BOOK EXHIBITION 📖

Sunrise Academy organised a grand book exhibition.

The school sold **1,245 story books** on Day 1 and **2,378 story books** on Day 2.

Each shelf in the exhibition could hold **125 books**.

There were **132 shelves** in total.

Answer the following:

a) **How many books were sold altogether?**

Answer: \_\_\_\_\_

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b) What is the place value of 2 in 2,378?

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c) Which is smaller: 1,245 or 2,378?

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d) How many books were left unsold if the school had 5,000 books at first?

Answer: \_\_\_\_\_

e) Find the total number of books that all the shelves can hold.

f) Is the total shelf capacity greater than or less than 15,000?

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★ *Math is fun when you challenge your brain every day!*

# Science

## Worksheet 1

Name : \_\_\_\_\_

Date: \_\_\_\_\_

### Part A: All About Leaves

#### 1. Fill in the blanks:

- The green colour of leaves is due to \_\_\_\_\_.
- Leaves prepare food for the plant through a process called \_\_\_\_\_.
- The flat part of the leaf is called the \_\_\_\_\_.
- Tiny openings on the underside of the leaf are called \_\_\_\_\_.

#### 2. Label the different parts of the given Leaf.

- Petiole
- Lamina
- Midrib
- Veins



#### 3. Match the following:

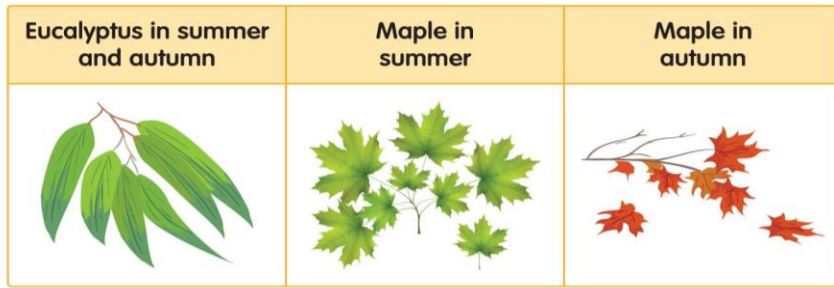
##### Column A

- Stomata
- Chlorophyll
- Midrib
- Leaf venation

##### Column B

- Tiny pores for breathing
- Green pigment
- Central thick line
- Network of veins

**Part B:** Look at the pictures. Answer the questions in 1 to 2 sentences.



- a. Which tree, eucalyptus or maple, is an evergreen tree? Why?
- b. Which tree, eucalyptus or maple, can survive seasonal changes? Why?

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**4. Choose the correct answer:**

- a. Which plant has needle-like leaves to reduce water loss?  
(i) Neem (ii) Rose (iii) Pine (iv) Banana
- b. Which of these grows in deserts?  
(i) Cactus (ii) Lotus (iii) Mango (iv) Bamboo
- c. The thick stems of desert plants help in:  
(i) climbing (ii) storing water (iii) breathing (iv) making flowers

**5. Short Answer Questions:**

- a. Why do cactus plants have spines instead of leaves?

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- b. How do trees in hilly areas adapt to heavy snowfall?

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# Science

## Worksheet 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### 1. Fill in the blanks:

- Plants that trap and eat insects are called \_\_\_\_\_ plants.
- The \_\_\_\_\_ plant has a sticky surface to trap insects.
- The \_\_\_\_\_ plant coils around another plant and takes its food.
- Insectivorous plants grow in soil that lacks \_\_\_\_\_.

### 2. Match the following:

#### Column A

- Pitcher plant
- Cuscuta (Amarbel)
- Venus flytrap
- Sundew

#### Column B

- Sticky leaf traps insects
- Jug-shaped leaves
- Parasitic plant
- Closes leaves to trap insects

### 3. Diagram-Based Question:



**Q: Label and name the two plants shown. Write one special feature of each.**

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## Part B: Aquatic Plants

### 4. Choose the correct answer:

- a. Which of the following is a floating plant?  
(i) Lotus (ii) Hydrilla (iii) Water hyacinth (iv) Mango
- b. Submerged plants get carbon dioxide and sunlight through:  
(i) roots (ii) leaves (iii) stems (iv) water
- c. Which plant is fixed in water with long stalks and big leaves?  
(i) Lotus (ii) Cactus (iii) Bamboo (iv) Peepal

### 5. Fill in the blanks:

- a. Lotus and water lily are examples of \_\_\_\_\_ aquatic plants.
- b. \_\_\_\_\_ plants remain completely underwater.
- c. \_\_\_\_\_ plants float freely on the surface of water.
- d. Hydrilla is a \_\_\_\_\_ aquatic plant.

## Part C: Plants with Modified Roots

### 6. Tick the correct uses of modified roots:

- Storing food
- Helping leaves to trap insects
- Breathing in marshy areas
- Making flowers colorful

### 7. Match the plant with its modified root function:

Plant	Function of Root
(a) Carrot	(i) breathing roots
(b) Mangrove	(ii) climbing roots
(c) Sweet potato	(iii) storage of food
(d) Money plant	(iv) aerial roots for support



3. Why do you think people invite their friends and relatives to a wedding? Answer in 1 to 2 sentences.

Ans 3.

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D. Long questions and answers.

1. Read the passage and answer the questions.

Riya's mother had a baby. Riya is the elder sister. She changes the baby's diapers and comforts it when it cries. Riya's mother is always patient and takes care of everything the baby needs. She feeds the baby, bathes it, and puts it to sleep. Riya's brother Sid, plays with the baby and makes it smile. Riya's father looks after the baby at night when her mother is asleep.

a. How are Riya and her family taking care of the baby? Fill in the table.

Riya and her family	How they take care of the baby
Mother	
Father	
Riya	
Sid	

b. Why should everyone in the family look after a newborn baby?

Ans b.

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2. Read the text and answer the questions.

Raj weaves beautiful patterns on handloom and earns his living from weaving. Even though Raj works very hard, he doesn't earn enough money and struggles to support his family.

a. Raj wove a carpet using repeating patterns. Which of these did he weave? Choose the correct option.



b. Why do you think Raj is not earning enough money from weaving? Give 1 reason.

Ans b.

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3. Read the passage and answer the questions.

Somya lived with her grandpa, her parents, and a younger brother.

Her grandpa always had a smile for everyone and would help the neighbours all the time. From her grandpa, Somya learned to be kind to others. Somya's mother was very patient. She would always smile and answer all the questions that Somya would ask her. Somya's father worked hard for the family. He taught her the importance of responsibility. Somya's brother, Rohan, was only 4 years old. He loved to share his toys with Somya. He taught her about the joy of sharing.

a. Fill in the table with what Somya learned from each of her family members.

Lily's family members	What she learned from them


b. Somya and her classmates were at a picnic. There was only 1 piece of chocolate cake left. Somya really loves chocolate cake, but she saw that her classmate, Raj, didn't have any cake. Somya gave her piece of cake to Raj. From whom did Somya learn this value?

- A. Her father
- B. Her grandpa
- C. Her mother
- D. Her brother, Sid

# Social Science

## Worksheet 2

Name - \_\_\_\_\_

Date - \_\_\_\_\_

1. Geeta lives in a slum that does not have clean drinking water. She does not go to school regularly as she often falls sick. Write 2 ways in which you could help Geeta.

Ans 1. \_\_\_\_\_

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2. Write if True or False.

1. The roofs of houses in villages are always made of concrete.

A. False

B. True

2. Many houses in villages today have brick walls.

A. False

B. True

3. Earlier, many village houses did not have a gas stove.

A. False



B. True

4. All houses in villages provide shelter to people.

A. True

B. False

3. Match the houses with the building materials.

Options	Answers
<p>A. </p>	Bricks and tin
<p>B. </p>	Concrete



C.

Wood



D.

Mud and straw



4.

This house was built in the past because houses in the past \_\_\_\_\_

- A. had no roof
- B. had many windows
- C. had a courtyard
- D. were made of concrete

5. Fill in the blanks by choosing the words from the box.

bricks	construction worker	slum	less
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Setu builds houses so he is a \_\_\_\_\_ . He lives in

a \_\_\_\_\_ and earns \_\_\_\_\_ money. He has to carry

heavy \_\_\_\_\_ on his head.

## Art

### **Title: *Flower Pot from Waste Material* 🌸**

#### **Question:**

Create a beautiful and creative *Flower Pot* using any waste materials available at home such as plastic bottles, cardboard boxes, plastic spoons, dry fruit shells, plastic glasses, wooden spoons, ice-cream sticks, etc.

- ✂️ Decorate your flower pot neatly and creatively.
- 🌸 You may also add artificial or real flowers/plants to make it attractive.