

UNIT-4

Trash to Treasure

ACTIVITY - 1

This unit is about reusing or recycling things instead of just throwing them away. This art was made with many things.

Look carefully and name as many things as you can. Make a list.



How many different things did you name? Compare with a classmate. Do you have the same number? Did you miss something your classmate saw?

ACTIVITY - 2



A New Dish – Part 1

Once, the Maharaja of Travancore ordered a huge dinner in his palace for many important people. The afternoon before the dinner, the maharaja entered the kitchen to see what dishes were being prepared for his guests. The feast was nearly ready. The king was happy to see rice, pickles, chutneys, and breads. Then, the king noticed a basket full of many small pieces of vegetables that no one was using.

The king asked the head cook, “What will you do with all these vegetable scraps?”

“They are waste, Sir. We will throw them away,” the cook replied.

“We should not waste all these vegetables,” the Maharaja said. “Find a way to use them,” he commanded. Then he turned and left the kitchen.

Now, the cook was worried. He stared at the scraps and thought. There was only a little yam, plantain, cucumber, and potato. There was carrot, a few beans, and a few chillies. He only had small amounts of everything, except for one thing.

Outside, he had a whole tree full of ripe coconuts....

New Words

Scrap : small piece left over

Did you find more new words? Write them here to help you remember them.

ACTIVITY - 3

In the story, "The NewDish", two people speak:

The king asked the head cook, "What are you going to do with all those vegetable scraps?"

"They are waste, Sir. We will throw them away," the cook replied.

"We should not waste all these vegetables," the Maharaja said. "Find a way to use them," he commanded.

How does the punctuation show you that the character is speaking and asking a question? **Notice and copy all the quotation marks and question mark for the character's question.**

The king asked the head cook

Show your sentence to a classmate. Work together to look closely at the sentences in the story and to look closely at your own sentences. Work together to make sure each sentence is correct.

Did you both get all the punctuation correct? If not, what can you change to correct it?

Imagine that the head cook asks one of his helpers what he should do with the vegetables and that the helper makes a suggestion. **Work with a classmate to write a new question and answer. Be careful to use the punctuation that you see in the story.**

The head cook asked his helper

the helper replied





ACTIVITY-4

The story lists the vegetables that the cook had in the basket of scraps:

“There was only a little bit of yam, plantain, cucumber, and potato. There was a small carrot, a handful of green beans, and a few chillies.”

Find the other sentence in the story that makes a list. Notice the punctuation that separates the words in the lists. Look carefully at the sentences, and make a new sentence that lists at least four items you have in your home.

In my home, there is

Share your “list sentence” with your classmate. Work together to look closely at the sentences in the story and to look closely at your own sentences. Work together to make sure each sentence is correct.

Did you both get all the punctuation correct? If not, what can you change to correct it?

ACTIVITY-5

A New Dish – Part 2

(Do you need to read Part 1 again?)

The cook stepped outside, looked up at the tree, and, suddenly, he had an idea!

He took all the vegetable bits, washed them, cleaned them well, and cut them into long strips. He put them all into a huge pot and placed it on the fire to cook. Next, he ground the fresh coconut. He added green chillies, garlic, and some salt.

Soon, the vegetables were all cooked. He stirred in the coconut and plenty of curd, poured on some coconut oil, and sprinkled it all with curry leaves.

The new dish was ready!

The cook served his invention to the guests that evening. The guests loved it! The king liked it so much that he gave the cook a beautiful gold bracelet as a reward.

Everyone was eager to know the name of the new dish. The cook thought and thought. What could he call this mixture of many things?

Then, he thought of it; he named the dish “*avial*”.

Avial became famous all over Kerala and is now one of the dishes in traditional feasts of Kerala. Isn't it amazing that it all came from a basket of scraps and a good idea?

ACTIVITY - 6

The story told how the cook created avial for the first time. The cook did not have a recipe. A recipe is a list of instructions for making a food dish. Recipes list the ingredients, the foods used to make the dish, and the method for cooking it. For example, here is a recipe:

Ingredients and Amounts: (Serves 1 person)

Dried pasta	3/4 cup
Butter	1 Tablespoon
Amul cheese spread	2–3 Tablespoons
Milk	¼ cup
Salt	pinch

Method:

1. Boil water in large pot. Add pasta, salt, and a small amount of the butter.
2. Cook pasta till tender. Drain water.
3. Add butter, milk, and cheese spread to pasta. Heat gently until butter and cheese melt.
4. Serve hot.





Read and discuss this recipe with your classmates. Decide together:
What do you think this recipe makes?

Now, read the story, “The New Dish,” carefully, and show your understanding of the story by creating a recipe for avial. First, list the ingredients, then the method that the cook used to create the dish. You will need to invent the amounts. Be sure to include enough ingredients for the King's feast!

Ingredients and Amounts: (Serves 1 King and All His Important Guests)

Method :

ACTIVITY - 7

You have read a story about making a new dish from waste scraps of vegetables.



Let's think about this some more. First, look at the picture and imagine shopping for a big birthday party! Pretend you have all the money you need for a big party. Work with a group or a partner to name all the things you would buy.

Now, work together to imagine all the things that would be left over AFTER the party. **Name as many things as you can. You will need a big list for the next activity.**

ACTIVITY - 8

In the last activity, you and your classmates made big lists of things left over after a party. **Compare your list to other lists in the class. Did you forget something that another classmate listed? Add to your list if you need to.**



I added _____
to my list.

ACTIVITY - 9

- 1) Work with a group or partner to think of something new you could make with all the things left over after a party.
- 2) Draw your new thing.
- 3) Label it with the names of all the things you use to make it.
- 4) Count the things you used.
- 5) Have a contest with your classmates. The group that uses the most things wins.

Our group imagined a _____.
Our plan used _____ (number) things.

Which group won the class contest?

ACTIVITY - 10

Imagine that you have some old, warm blankets that you are not using. You want to give these to people who need them. Imagine all the ways that a person might use your old blankets. **Try to think of the most unusual ways to use blankets that you can. Write at least three ideas.**



1. _____
2. _____
3. _____

Ask as many classmates as you can about their ideas. Write five good ideas from classmates that you think are interesting and useful.

1. _____
2. _____
3. _____
4. _____
5. _____

With a group, discuss all the ideas on everyone's list for using old blankets. Rank the top five most unusual and useful ideas.

1. _____
2. _____
3. _____
4. _____
5. _____

Our group thinks the most unusual and useful idea for using an old blanket is

Helpline

Going Beyond the Textbook

Use the internet or library resources to collect more information on topics you've read about in your textbook. You may wish to search for more information on recycling programs in your state or for more things that can be made from trash. You can watch a video of how to make a val here <http://www.youtube.com/watch?v=XtnG37texEI>.

There are many more stories, poems, and activities for this unit on the textbook website, www.onlinetextbook.info. Check it out! There's always something new to learn and share!



UNIT-5

Invention

ACTIVITY - 1

This unit is about inventions and inventing.

Look carefully at the picture. There are many things in it!

Name as many as you can in English!



In your list, underline all the things that were invented.

ACTIVITY - 2

Do you know who invented the light bulb?

You may know the name Thomas Edison as its inventor, but often, one person is remembered for inventing something that many people