



We hear many sounds daily. But we do not pay attention to all of them. Let's try to see how many sounds fall into our ear together.

### Different types of sounds

Don't create any sound for sometime and be silent. What sounds did you hear ?

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Besides these, what sounds do you hear in and out of the house ?

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### Whose Sound

What kind of sound do you hear when you clap?

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If a spoon falls on the floor, what kind of sound does it create?

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There is difference in the sound created by a clap and the cup-plate.

There is a table below. Produce those sounds according to it and write it.

**Table 1**

No.	Sound	Write the sound
1.	Failling of thali on the ground	
2.	Sound of crow	
3.	Barking of dog	
4.	Crowing of cock	
5.	Ringling of school bell	
6.	Opening a door	
7.	Sound created by cow	

Could you write all the sounds?

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### Every sound is different

How do you come to know about mosquitoes in darkness ?

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Can you distinguish between the voices of your friends. If your best friend calls you in a crowd, can you identify her voice ?

Blindfold one of your friends and tell your friends to call her by name.

Can she identify the different voices ?

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**One thing - Different sounds**

You must have heard the sound of rain-drops in rainy season when they fall on iron-sheets, the sound is different when they fall on the ground, it's different. Now, you must have understood that different things have different sounds and the same thing creates different sounds when they fall on different surfaces.

Now, take a pebble, drop it on the things given below and listen to the sound it creates.

Drop a pebble on a pebble

Drop a pebble on a table

Drop a pebble in water

Drop a pebble on a 'thali'

What is the difference in sounds where they fall on different things ?

**Think a little**

Imagine that some day, you get up and find that all sounds have disappeared. What are the problems you will have to face if all sounds disappear?

If the sounds disappear, what activities will be difficult ? Fill in the table 2.

**Table 2**

<b>Work</b>	<b>Difficult / Not difficult</b>
<b>Watching T.V.</b>	
<b>Playing with friend</b>	
<b>Asking mother for food</b>	
<b>Calling someone</b>	

**Write these**

You know different sounds by different names. For example -

Sound created by dog - 'bow', 'bow'

Sound created by cat - 'mew', 'mew'

Find out more such examples.

Talk to your friends. Copy the sounds given in table - 3 and write them.

**Table 3**

No.	Sound	Write the sound
1.	Sound of clock	
2.	Thunder of cloud	
3.	Sound of telephone	
4.	Crowing of cock	
5.	Sound of goat	
6.	Roaring of tiger	

### Lion Chirps

Once Gagri went to zoo. There she saw a peculiar thing. There all animals have changed their voices. See what happens.



O! how funny!

Hear the animals

They have changed their voices

Cat brays,

Donkey mews.

Cock trumpets,

Elephant roars.

Pigeon crows,

Lion chirps.

#### Environmental Studies-4

Find out the sounds created by animals given and write them in table 4.  
(Cat, Donkey, Cock, Elephant, Pigeon, Tiger)

**Table 4**

No.	Animal	Sound
1.	Cat	
2.	Donkey	
3.	Cock	
4.	Elephant	
5.	Pigeon	
6.	Tiger	

#### Make your own telephone



You must have heard about telephone and even talked on it. Let's make our own telephone and talk to our friend on that.

Take two empty matchboxes and a piece of thick thread. The piece of thread should be at least 10-15 feet long. Make a hole in the matchbox. Take either ends of the thread through the holes as shown in the picture. Tie knots at the two ends of the piece of thread. Your telephone is ready.

Now, tell your friend to take one matchbox to some distance and attach it on his ear. You speak something through the second matchbox. The thread should be kept tight during this. Now, talk one by one. Do you hear your friend's voice ?

**What did we learn?****Oral**

1. How many voices can you imitate?
2. Name any two animals that roar?

**Written**

1. Name five instruments which create different sounds.
2. Name two animals which create sweet sounds.
3. How did the sound travel from one end of the matchbox to the other?
4. What are the other means through which sound can travel from one place to another?

**Find out**

1. Strike pencil on a table, what kind of sound do you hear? Now, place your ear on the table, strike pencil on the table and listen to the sound. Tell the difference between both the sounds.
2. Tap an empty cup with a spoon. What kind of sound do you hear? Now, strike a spoon to a water-filled cup and listen to the sound. What is the difference between both the sounds? Tell.
3. Draw a picture of any musical instrument and colour it.

