

Name: \_\_\_\_\_  
Grade and Section: \_\_\_\_\_

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

### Science I/Quarter 3/Week 6

#### WHAT IS THAT SOUND?

This Learning Activity Sheet is about:

1. Describe the sounds produced by different objects; and
2. Differentiate between pleasant and unpleasant sounds, loud and soft sounds.



Sound is produced when they travel through vibrations. Sounds maybe soft and loud.

Sound is very important part of our life. Sound helps us to communicate with other people. We talk and express ourselves by using sound. We hear and listen to others with the help of sound.



Source: Soriano, Angela C,  
Soriano Katherine S. My  
World of Science 3 p. 150



Read the lyrics of the song or watch the video from the link below so you can sing with Barney, then answer the questions that follow.

### **Indoor- Outdoor Voices**

( Barney Songs)

( :<https://www.youtube.com/watch?v=Y9yxXG-ba2M>)

When we talk, we've got two choices,  
We can use either one of our two voices.

My indoor voice is kind of quiet  
Like a kitty who's just meowed. (Meow)  
And my outdoor voice is fun to try it  
'Cause it's big and strong and loud.

When we're in school on riding in a car,  
It's our indoor voice we use.  
We can still have fun, no matter where we are  
With a quiet voice we choose.

And when we use both voices every day,  
It's easy to decide which one.  
We use our indoor here and outdoor there  
And we know they both are fun.  
When we're outside just playing around,  
It's our outdoor voice we use.  
We can be real loud, tall and proud  
Like a rooster when he cock-a doodle-does.

Questions:

1. What kind of voice do we use when we are inside a classroom or a car?

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2. Why do we use loud sounds when we are playing at the park?

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### 3. How do sounds help us with our tasks?

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Some sounds that reach our ears are loud, others are soft.

Let's try to do this.

Get a big empty can, or drum.

Beat the drum as hard as you can several times. Describe the sound you hear.

Beat the drum very gently several times. Compare this sound with the first.

When you beat the drum hard, you applied great force producing strong vibrations that creates loud sounds. The vibrations it makes are strong. The sound that reaches your ears is loud. When you beat the drum gently, you use only a lesser force. The vibrations made by the drum are not strong. The sound that reaches your ears is soft.

Volume is the loudness and softness of sound.

We hear sounds that are loud and soft. Sounds that are pleasant to ears are like music. Music is a beautiful sound. Pleasant sounds are relaxing.

When the sound becomes very loud, it becomes noise. Unpleasant sounds are irritating. Noise is unpleasant to the ears. Too much noise produces noise pollution that can affect our health; we feel uncomfortable and unable to rest and relax.

Noise can also give some benefits. An explosion can be a warning sign of danger.

**I. Direction:** Tell whether the object produces a loud or soft sound. Write **L- if loud sound** or **S- if soft sound**. Write your answer inside the box.

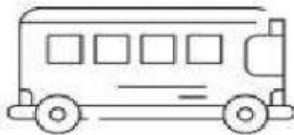
1. ringtone of cellphone



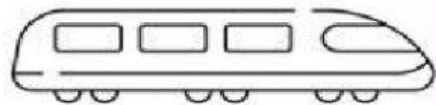
2. drum beating



2. bus honking



4. train passing



5. coins dropping

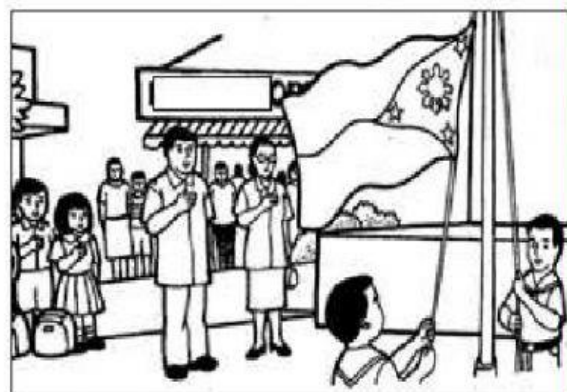


**II. Direction:** Sounds can be pleasing and unpleasing to us. Look at the following pictures and describe the sounds of the objects. Write letter **A** for **pleasant** or **B** for **unpleasant**. Write your answer inside the box.

1. takeoff and landing of aircraft



2. singing national anthem





3. Speed motorbike



4. playing in the orchestra



5. heavy traffic



6. playing trumpet



Activity 3. Put a check (/) if the sentence shows way of protecting the ears from loud sounds and draw an X if it does not.

1. Shout at each other.
2. Talk to your classmates softly.
3. Turn the volume of the radio to the loudest.
4. Wear ear protection when going to a place where there are continuous loud sounds.
5. Avoid loud noises.