

4

# Learning Activity Sheet for Science

Quarter 1

Week

7

## **Learning Activity Sheet Science Grade 4 Quarter 1: Week 7**

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## LEARNING ACTIVITY SHEET

Learning Area	Science 4	Quarter:	1
Week	7	Day	1
Lesson Title/ Topic	Gathering Scientific Information		
Name:		Grade & Section:	4

### Activity1: Preparation of a Survey Questionnaire

#### Objectives:

1. Describe a survey questionnaire.
2. Prepare a simple survey questionnaire about environmental issues and concerns.

**Activity 1.1** Read the Story and answer the questions below.

#### The Mystery of the Missing Recipe



Once upon a time in a small village, there was a renowned bakery known for the recipe book on delicious pastries and secret family recipes passed down through generations. The bakery, run by the talented baker, Mrs. Clara, had been a beloved establishment for decades. However, one day, disaster struck. Mrs. Clara arrived at the bakery to find that her prized recipe book, containing the secret formulas for her most cherished treats, had been lost without a trace. Mrs. Clara searched high and low, but the recipe book was nowhere to be found. With the fate of the bakery hanging in the balance, Mrs. Clara knew she needed help. Desperate for answers, she decided to turn to the people of the village for assistance. But how could she gather clues without knowing where to start?

That's when Mrs. Clara had a brilliant idea – she would create a survey questionnaire and distribute it to the villagers, hoping to uncover any leads or suspicious activity. With determination in her heart, Mrs. Clara set to work crafting the perfect questionnaire, asking questions about the last known whereabouts of the recipe book, any unusual sightings, and potential suspects. Armed with stacks of questionnaires, Mrs. Clara set out to canvas the village, visiting homes, shops, and gathering spots where the townsfolk congregated. At first, some villagers were unsure of how a simple survey could solve the mystery. But Mrs. Clara's earnestness and determination soon won them over, and one by one, they eagerly filled out the questionnaires, determined to help their beloved baker.

As the days passed, Mrs. Clara diligently collected and analyzed the survey responses, searching for any clues that could lead her to the missing recipe book. She discovered intriguing tidbits – reports of a mysterious figure lurking near the bakery late at night, whispers of a rival pastry chef with a penchant for sabotage, and even a rumor of a secret underground pastry society. With each new lead, Mrs. Clara grew more determined to crack the case and reclaim her cherished recipes. Armed with the insights gathered from the survey questionnaires, she embarked on a daring investigation, following clues and unraveling the mysteries hidden within the village.

Finally, after weeks of tireless searching, Mrs. Clara's perseverance paid off. Acting on a tip from a helpful villager, she stumbled upon a hidden compartment beneath the bakery

floorboards, where the missing recipe book lay concealed. With tears of joy streaming down her cheeks, Mrs. Clara embraced the beloved book, its pages worn but intact, and breathed a sigh of relief. And so, thanks to the power of a simple survey questionnaire, Mrs. Clara saved the day, proving that sometimes, the answers we seek are closer than we think – hidden in the hearts and minds of those around us.

**Questions:**

1. How did Mrs. Clara solve her problem?  
\_\_\_\_\_
2. What information did she get from the survey questionnaire?  
\_\_\_\_\_
3. How can you use a survey to gather valuable information from a group of people?  
\_\_\_\_\_

**Activity 1.2 Read and answer this sample survey questionnaire.**

Hello Grade, 4! We want to know what you think about our new snack!

1. Have you tried our new snack?  
 Yes  
 No
2. If yes, how did you like it?  
 Loved it!  
 It was good.  
 It was okay.  
 Didn't like it.
3. What do you like the most about the snack?  
 The taste  
 The texture (crunchy, soft, etc.)  
 The size of the snack  
Other: \_\_\_\_\_
4. What flavor did you try?  
 Chocolate  
 Strawberry  
 Cheese  
Other: \_\_\_\_\_
5. Would you like to see more flavors?  
 Yes  
 No
6. If yes, which flavors would you like?  
 Vanilla  
 Banana  
 Apple

Other: \_\_\_\_\_

7. How often would you like to have this snack?

- \_\_\_\_\_ Every day
- \_\_\_\_\_ Once a week
- \_\_\_\_\_ Once a month
- \_\_\_\_\_ Rarely

8. What could we do to make the snack better?

\_\_\_\_\_

Thank you for your feedback!

### Guide Questions:

1. What are the components of a survey questionnaire?

\_\_\_\_\_

2. How will you make a good survey questionnaire?

\_\_\_\_\_

## LEARNING ACTIVITY SHEET

<b>Learning Area:</b>	<b>Science 4</b>	<b>Quarter:</b>	<b>1</b>
<b>Week:</b>	<b>7</b>	<b>Day:</b>	<b>2</b>
<b>Lesson Title/ Topic:</b>	<b>Gathering Scientific Information</b>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	<b>4</b>

### Activity 2: Analysis of Survey Questionnaire

**Objectives:** Analyze the prepared survey questionnaire

**Activity 2.1** Analyze if the survey question is a good survey question.

Direction: Check (✓) the box that corresponds to your answer.

Observations	YES	NO
1. There are candy wrappers in the classroom		
2. There are separate containers/trash bin for paper and plastics		
3. Cleaning materials such as broom and dustpan are present		
4. The corridors are free of dust and dirt.		
5. There are plants located in the safe free area in the classroom		

Direction: Shade the oval that corresponds to your answer.

	Always	Most of the time	Once in a while	Never
1. How often do you recycle?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Do you segregate your waste in the classroom?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Do you observe CLAY-GO?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Do you have record of the number of drums of waste generated daily in school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Do you have programs that support the waste segregation activity in your school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Guide Questions:**

- Do you think these survey questionnaires are appropriate to be used in gathering information about environmental issues and concerns?

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- What are the points to be remembered in crafting a survey questionnaire?

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## LEARNING ACTIVITY SHEET

<b>Learning Area:</b>	<b>Science 4</b>	<b>Quarter:</b>	<b>1</b>
<b>Week:</b>	<b>7</b>	<b>Day:</b>	<b>3</b>
<b>Lesson Title/ Topic:</b>	<b>Gathering Scientific Information</b>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	<b>4</b>

### Activity 3: Revised Survey Questionnaire

**Objectives:** Revise the prepared survey questionnaire

**Activity 3.1** Use the rubrics during the presentation of the revised survey questionnaire

<b>Criteria</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Content</b>	Content is clear, detailed and highly relevant	Content is clear and relevant with some details	Content is somewhat clear and relevant but lacks details	Content is unclear or irrelevant
<b>Creativity</b>	Demonstrated exceptional creativity and originality	Demonstrates good creativity and originality	Demonstrates some creativity and originality	Lacks creativity and originality
<b>Presentation</b>	Presentation is highly engaging and well-organized	Presentation is engaging and organized	Presentation is somewhat engaging and organized	Presentation is not engaging and disorganized
<b>Participation</b>	Shows outstanding effort and participation	Shows good effort and participation	Shows some effort and participation	Shows minimal effort and participation