Student Workbook

# "DATA REPRESENTATIONS"

By: Kamila Kurnia Sari

LIVEWORKSHEETS

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# "DATA REPRESENTATIONS"



## A. BASIC COMPETENCIES

3.12 Analyze the relationship between the data and the way it is presented (tables, line charts, bar charts, and pie charts)

4.12 Present and interpret data in the form of tables, line charts, bar charts, and pie charts.

## B. INDICATORS OF ACHIEVEMENT OF COMPETENCE

| Basic Competencies | Indicators of Achievement of Competence |
|---|---|
| 3.12 Analyze the relationship between the data and the way it is presented (tables, line charts, bar charts, and pie charts) | 3.12.1 Explain the meaning of data<br>3.12.2 Give examples of data in daily life<br>3.12.3 Give an example of how to collect data<br>3.12.4 State the characteristics of tables, bar charts, line charts, and pie charts<br>3.12.5 Explain the description of tables, bar charts, line charts, and pie charts<br>3.12.6 State the steps for creating a table<br>3.12.7 State the steps for creating a bar chart<br>3.12.8 State the steps for making a line chart<br>3.12.9 State the steps to create a pie chart<br>3.12.10 Distinguishing one type of data presentation from another |
| 4.12 Present and interpret data in the form of tables, line charts, bar charts, and pie charts. | 4.12.1 Create a table from existing data<br>4.12.2 Presenting data in the form of a bar chart<br>4.12.3 Presenting data in the form of a line chart<br>4.12.4 Presenting data in the form of pie charts<br>4.12.5 Reading data presented in the form of tables, bar charts, line charts and pie charts<br>4.12.6 Retrieve data information presented in the form of tables, bar charts, line charts and pie charts<br>4.12.7 Changing the presentation of data from one form to another |

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## INSTRUCTION

Before starting the learning activities, let's first look at the instructions for using this student workbook so that learning can be more focused. Pay attention to the following points!

1. Pray first before starting to study.
2. Read the basic competencies, indicators of competency achievement and learning objectives to be achieved by learning to use this teaching material.
3. Before starting to learn about data representation, make sure that you have mastered the prerequisite material, namely counting and percentages. If you forget or there are indicators of competency achievement that have not been achieved, please review them again, discuss them with friends and ask the teacher if you have difficulties.
4. Perform each activity in this student workbook according to the instructions by following the directions from the teacher.
5. Pay close attention to every information contained in this student workbook.
6. Ask the teacher for guidance when you find a problem that you don't understand!

Have a good study!

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## LEARNING OUTLINE

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