****

**Microsoft Excel – Classwork#4**

**Name: 2nd Semester 2022/ 2023**

**Date: Grade 6 – Section ………**

**The school send a survey to the student to collect information about students interests, the responses file was given to you so you can analyze the data and create charts.**

Open the file **Students Interests\_Responses.xlsx** using MS-Excel and then apply the steps below:

* 1. Change the row height for Row#1 to 50 points.
	2. Set the width of column E, F to 25 points.
	3. In the range [A1:F1], align the text: center and middle, and wrap the text over many lines.
	4. Select the Range [A1: F57] and then select [DATA 🡪 FILTER].

**Task 1**

* 1.  Create a new sheet and rename to **[Task 1]**.
	2. In the sheet **[Task 1]** create the following table.
	3. Use the same alignments as appear in the image.
	4. Use suitable row height and column width.
	5. Use the data in the **[Form Responses] Sheet,** to fill the given table with data.
	6. Create a pie chart to show the percentage of students interested in different types of activities.
		1. Add a chart title "Students Interest Distribution"
		2. Display the percentage.
		3. Show the legend

**[Task2]**

* 1. Create a new sheet and rename to [Task 2].
	2. In the sheet [Task 2] create the following table.



* 1. Use the same alignments as appear in the image.
	2. In cell E5 insert a function to calculate the total number of students interested in playing Drums.

Replicate this function over the cells [E6:E8].

* 1. Use suitable row height and column width.
	2. Create a pie chart to show the percentage of students interested in playing different types of instruments.
		1. Add a chart title “Musical instrument performers”.
		2. Show the Legend.
		3. Display the percentage.
	3. In Cell B9 add the word [Total].
	4. In the cell C9 insert a function to calculate the total number of Male interested in Music.
	5. In the cell D9 insert a function to calculate the total number of Female interested in Music.
	6. Create a pie chart to show the percentage of Male/Female interested in Music.
		1. Add a chart title “Male/Female interested in Music”.
		2. Show the Legend.
		3. Display the percentage.

**Presentation**

* 1. Create the following PowerPoint presentation taking into consideration each of the following:
		1. Select suitable slide layout.
		2. Copy the charts from the excel file.





