Ministry of Education and Youth

Primary Exit Profile (PEP 5)

June 2022

Performance Task - Mathematics

Time: 1 hour 30 minutes

Write your name and the name of your school below:

Name of Student

Name of School

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GENERAL INSTRUCTIONS:

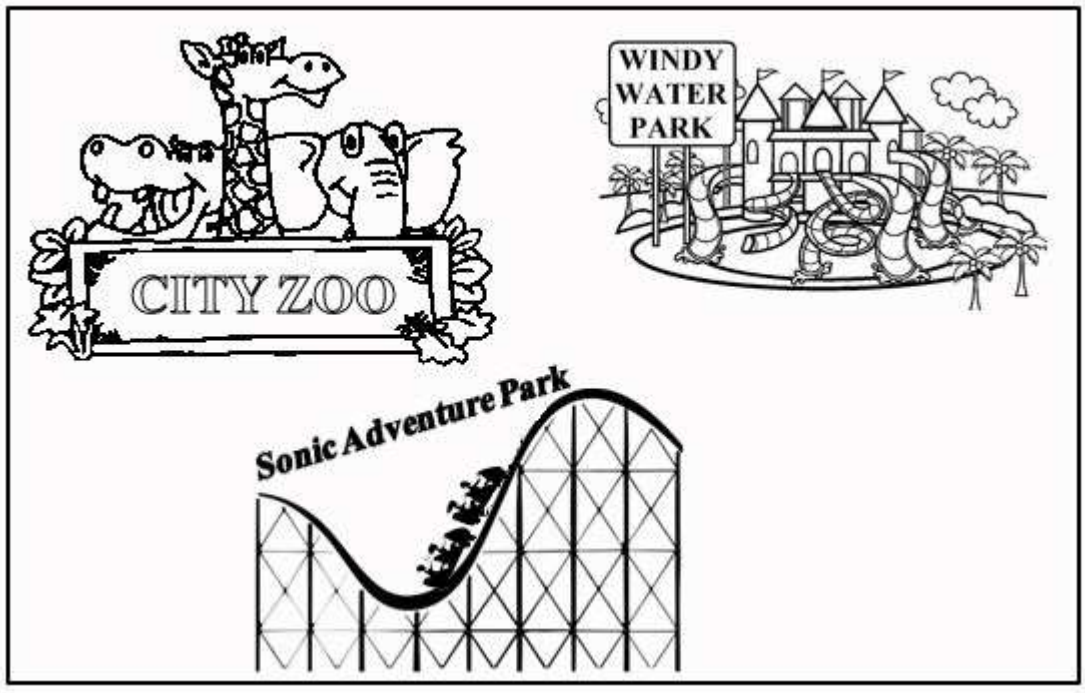
This task has four parts: Part 1, Part 2, Part 3, and Part 4.

Read the information in each part carefully. Use the information provided to answer ALL questions in each part.

Planning for a Class Trip

The P.T.A. of Sweet Town Primary School is planning a trip for grade 5 students. The trip will be on Tuesday, June 28, 2022. The P.T.A. is having a difficult time deciding on which venue to take the students to. Three venue options have been recommended to the P.T.A.:

- City Zoo
- Windy Water Park
- Sonic Adventure Park



Your task is to help the P.T.A. select a venue for the trip based on:

- its popularity
- how long it takes to get to the venue
- the cost of the trip

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Part 1: Most Popular Venue

A survey was done to find out which of the three venues was most popular among the students. The pictograph below shows the results of the survey.

Pictograph Showing the Number of Students who Selected Different Venues for the Class Trip

Venue	Number of Students
City Zoo	
Windy Water Park	
Sonic Adventure Park	
Key: = 10 students = 2 students = 5 students	

Question 1

How many students responded to the survey?

Question 2

Which venue is **MOST** popular?

Question 3

What fraction of the students chose **Windy Water Park**?

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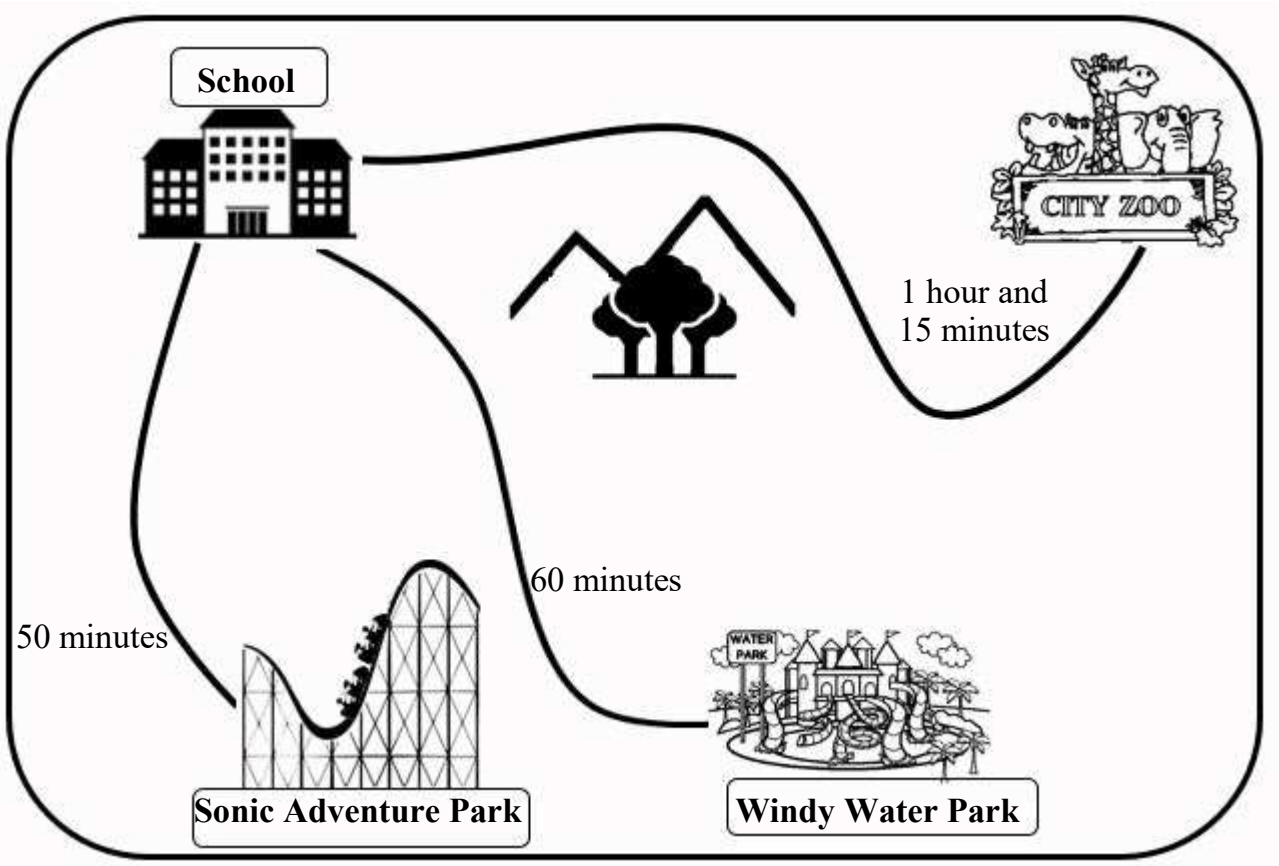
Part 2: Time Taken to Get to the Venues

On the day of the trip, buses will be provided to transport students from the school to the venue and back to the school. The P.T.A. is concerned about the time it will take to get to each venue. The map below shows the school, the three venues, and the time it will take to get to each venue.

Map Showing the School, the Three Venues and the Time it will take to Travel to each Venue



Question 4

A. The buses will leave the school at **8:00 a.m**. In the spaces provided in the table below write:

- the time that the students will arrive at each venue
- the latest time that they will have to leave each venue in order to be back at school by **6:00 p.m**.

Use the map to help you.

Venue	Arrival Time	Departure Time
City Zoo		
Windy Water Park		
Sonic Adventure Park		

B. Which venue will allow students the **most time** to enjoy the attraction?

Part 3: Total Cost of Trip

The trip will be on Tuesday, June 28, 2022. The P.T.A. will pay the entire cost of the trip. The total cost of the trip includes:

- **transportation for all students**
- **entry fee for all students**

The **total transportation cost** for all students to visit each venue is as follows:

City Zoo	**-**	**$15,000.00**
Windy Water Park	**-**	**$12,000.00**
Sonic Adventure Park	**-**	**$10,000.00**

Table 1 shows the **entry fee** for each of the three venues.

Table 1: Entry Fee to each of the Three Venues

	City Zoo	Windy Water Park	Sonic Adventure Park
Entry Fee to Venue	**$250.00** per student	Groups of **less than** 75 students - **$200.00** per student Groups of 75 students or **MORE** - **$170.00** per student	Mondays - Fridays **$150.00** per student Saturdays & Sundays **$300.00** per student

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Question 5

There are **one hundred** students in grade 5. What is the **total cost** the P.T.A. will pay to visit **EACH** venue, if all **100** students go on the trip? ***Show your work***.

City Zoo

Windy Water Park

Sonic Adventure Park

Part 4: Recommendation to the P.T.A.

Question 6

Which venue would you recommend that the P.T.A. select for the class trip?

Give **TWO** reasons to support your answer, using evidence from the task.

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Primary Exit Profile - 2022

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Date of Birth: _____

School Name: _____

School Code: _____

Centre: _____

Parish: _____

Name of Test: PERFORMANCE TASK 2022 - MATHEMATICS

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(A) Absent

SCHOOL CODE

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GENERAL INSTRUCTIONS

Read the instructions below before answering the questions in the booklet:

1. Your booklet contains six (6) questions. Write the answer to all six questions in your test booklet.

2. Read each instruction carefully before responding to the question(s) in each section.

3. Ensure that all questions are answered.

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Primary Exit Profile
Bringing Abilities to Light

BOOKLET # ASSIGNED

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