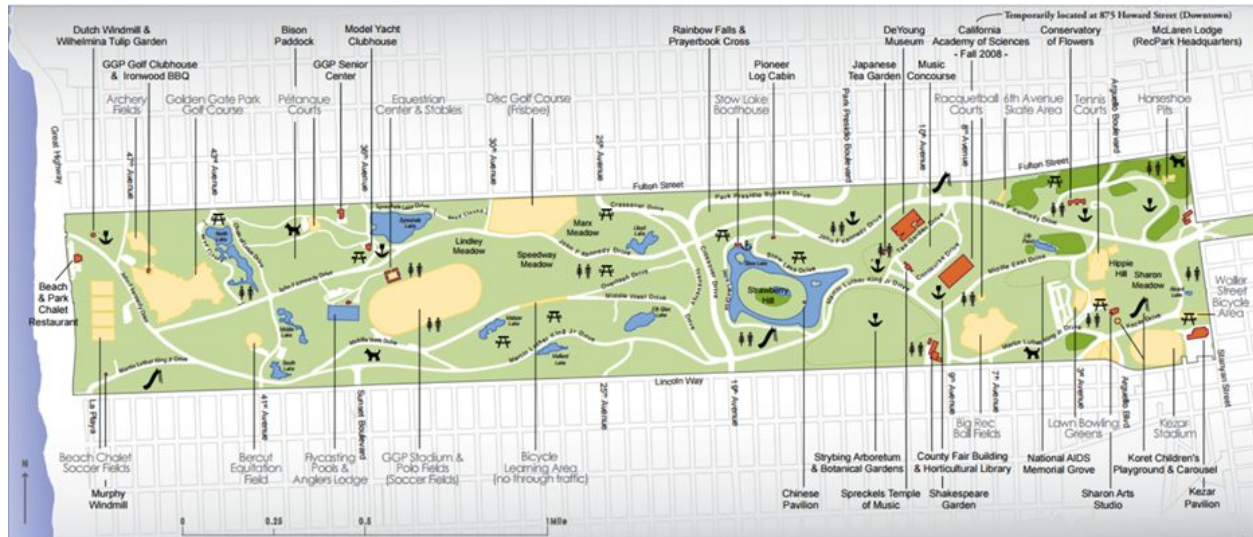


GROUP PREVIEW • Fun Day in the Park

Name _____ Date _____ Team _____

You, your family, and your friends want to visit Golden Gate Park in San Francisco.

Examine the map of Golden Gate Park.



List three areas within the park that you would like to visit.

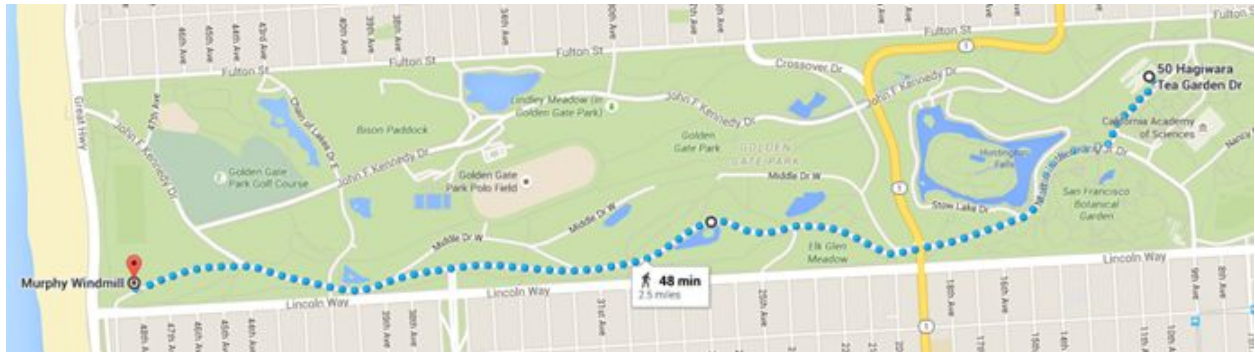
1. _____
2. _____
3. _____

Discuss with your group how to determine the distance between the areas within the park that you would like to visit. Only discuss **how** you can determine the distance, you do not need to measure the distances.

Describe how you and your group decided to determine the distances between specific areas within the park. Include any information from the map that supports your explanation:

Jasmine and Miguel just visited the Murphy Windmill. They are both going to the De Young Museum.

The map below is from Google Maps. The dotted blue line indicates the route between Murphy Windmill and the De Young Museum.



The total distance is 2.5 miles. Google Maps states it will take 48 minutes to walk the route. However, Jasmine is going to rollerblade and Miguel is riding his bike.



Jasmine's average speed to roller blade is 10 miles per hour and Miguel's average speed riding his bike is 12 miles per hour.

Miguel wants to ride his bike at the same speed that Jasmine roller blades so they can go together.

Miguel says that if he rides at 10 miles per hour he will arrive **2 minutes** later than if he rides at his average speed of 12 miles per hour.

Discuss Miguel's claim with your group.

Do you agree with Miguel's claim? Use words and numbers to support your answer.

INDIVIDUAL PERFORMANCE TASK • Fun Day in the Park

Name _____ Period _____ Date _____

Mason, his sister Savannah, and his mother are visiting Golden Gate Park in San Francisco.

Plans for their day:

- Savannah has a soccer game that Mason and their mother will watch together.
- After the soccer game, Mason is meeting his friends to play Frisbee Golf.
- Their mother and Savannah are going to the playground after the soccer game.
- Mason must meet their mother and Savannah at the De Young Café at 5:00 p.m. to have dinner.

Figure 1 is a map of Golden Gate Park. The red stars on the map indicate a location that either Mason, their mother, or Savannah will visit during the day.

Figure 1. Golden Gate Park



Table 1 tells the walking distances between specific locations on the map.

Table 1. Walking Distances

Locations	Distance (in miles)
Frisbee Golf to Café	0.94
Frisbee Golf to Playground	0.63
Soccer Game to Frisbee Golf	0.32
Soccer Game to Playground	0.84
Playground to Café	0.47

For this task, use the average walking rate of 3 miles per hour.

Your task is to help Mason create a schedule for their visit to Golden Gate Park.

1. Savannah's soccer game ends at 2:33. What is the earliest time Mason can meet his friends to play Frisbee Golf? Support your answer.
2. Savannah says that she will be able to play at the playground for 2 hours. Do you agree with Savannah's claim? Use words and numbers to support your decision.

3. Mason's mother wants him to leave Frisbee Golf by 4:40 so he has enough time to make it to the café for dinner at 5:00. Mason wants to stay with his friends as long as possible.

Mason thinks he will be able to stay at Frisbee Golf until 4:50 and still make it to dinner on time if he runs at a rate of 6 miles per hour.

Do you agree with Mason's claim? Use words and numbers to support your decision.

4. Create a schedule for Mason and his family to show the times for each activity.

Additional information:

- The beginning and ending time for the soccer game is provided
- The family eats at the café for 1 hour
- The family travels on a city bus for 16 minutes to get home

Activity	Beginning Time	Ending Time
Soccer Game	1:45 p.m.	2:33 p.m.
Mason and his friends play Frisbee Golf.		
Savannah and her mother are at the playground.		
Mason, Savannah, and their mother have dinner.		
Mason, Savannah, and their mother travel home.		