

PROJECT RUBRIC

	ABOVE STANDARD	MET STANDARD	BELOW STANDARD
MATHEMATICAL CONTENT	Calculates the cost of the client's road trips without errors 40 points	Calculates the cost of the client's road trips with few errors 30 points	Calculates the cost of the client's road trips with multiple errors 20 points
MATHEMATICAL THINKING	Provides appropriate reasoning for travel method recommendations 15 points	Provides some reasoning for travel method recommendations 10 points	Does not provide reasoning for travel method recommendations 5 points
PARTICIPATION	Participates fully 15 points	Participates with minor redirects from teacher 10 points	Participates with major redirects from teacher 5 points
FOLLOWS TEACHER INSTRUCTIONS AND PROJECT CRITERIA	Follows directions and criteria fully 15 points	Follows directions and criteria with few errors 10 points	Follows directions and criteria with multiple errors 5 points
FINAL PRODUCT	Final product is well organized and includes all required details 15 points	Final product is somewhat organized and includes most required details 10 points	Final product lacks organization and is missing several required details 5 points

TEACHER NOTES:

TOTAL POINTS:

STAGE 1: WARM-UP

Name: _____ Date: _____

When someone is planning a trip, what factors do you think are considered when choosing to drive or fly? Describe pros and cons for each method of travel.



ARE WE THERE YET?: STAGE 1 WARM-UP

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STAGE 1: WARM-UP

Name: _____ Date: _____

When someone is planning a trip, what factors do you think are considered when choosing to drive or fly? Describe pros and cons for each method of travel.



ARE WE THERE YET?: STAGE 1 WARM-UP

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ARE WE THERE YET?



GROUP MEMBERS

You are travel agents who help clients determine if it is cheaper to drive or fly to a destination. Your task is to research and calculate the costs of each method of travel for your client's desired trips. Your client is counting on you to make a recommendation for which method of travel they should choose as they plan their dream vacation!

PROJECT STAGES

STAGE	EXPECTATION	DUE DATE
1: Intro and Research	Become familiar with your client and research your client's desired travel destinations	
2: Road Trip Costs	Determine the gas mileage of your client's vehicle and calculate the cost of each road trip	
3: Compare and Summarize	Research the cost of your client flying to each destination. Then, summarize the information and make travel recommendations for your client in a travel portfolio	

PROJECT REQUIREMENTS

Your final product will be a travel portfolio for your client that includes the following:

1. Information about client's desired travel destinations
2. The cost of both driving and flying to the requested destinations
3. The method of travel recommended for their client's trips, including an explanation of the recommendation

Be sure your travel portfolio is engaging, informative and easy to understand. Apply your creativity and math skills as you present travel recommendations to your client.

ARE WE THERE YET?



TRAVEL AGENT: _____

CLIENT: _____

STAGE 1
RECORDING
SHEET

CLIENT NOTES

TRIP #1

STARTING LOCATION	ENDING LOCATION	MILES TRAVELED (ROUND TRIP)

STATES TRAVELED THROUGH ON ROUTE:

DESTINATION NOTES AND INFORMATION:

TRIP #2

STARTING LOCATION	ENDING LOCATION	MILES TRAVELED (ROUND TRIP)

STATES TRAVELED THROUGH ON ROUTE:

DESTINATION NOTES AND INFORMATION:

TRIP #3

STARTING LOCATION	ENDING LOCATION	MILES TRAVELED (ROUND TRIP)

STATES TRAVELED THROUGH ON ROUTE:

DESTINATION NOTES AND INFORMATION:

ARE WE THERE YET?

ARE WE THERE YET?

CLIENT INFORMATION:

NAME:

Reuben Campanella

HOMETOWN:

San Francisco, California

NUMBER OF TRAVELERS:

1

VEHICLE INFORMATION:

My car uses 14 gallons of gas to drive 280 miles.

TRAVEL DESTINATIONS:

TOP 3 TRAVEL DESTINATIONS:

1. Salt Lake City, Utah
2. San Diego, California
3. Memphis, Tennessee

CLIENT INFORMATION:

NAME:

Lili Reavley

HOMETOWN:

Dallas, Texas

NUMBER OF TRAVELERS:

2

VEHICLE INFORMATION:

My car uses 13 gallons of gas to drive 338 miles.

TRAVEL DESTINATIONS:

TOP 3 TRAVEL DESTINATIONS:

1. Philadelphia, Pennsylvania
2. Denver, Colorado
3. Hot Springs, Arkansas

STAGE 2: WARM-UP

Name: _____ Date: _____

Four friends decide to take a road trip to visit their favorite amusement park. They determine that the cost of gas for the trip will be \$125.20. How much will each person pay for gas if they divide the cost evenly?



ARE WE THERE YET?: STAGE 2 WARM-UP

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STAGE 2: WARM-UP

Name: _____ Date: _____

Four friends decide to take a road trip to visit their favorite amusement park. They determine that the cost of gas for the trip will be \$125.20. How much will each person pay for gas if they divide the cost evenly?



ARE WE THERE YET?: STAGE 2 WARM-UP

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ARE WE THERE YET?



TRAVEL AGENT: _____

CLIENT: _____

STAGE 2 RECORDING SHEET

TRANSPORTATION COSTS TRAINING: NOTES

CLIENT VEHICLE INFORMATION

MILES PER GALLON

TRIP #1: _____ TO _____

NUMBER OF MILES OF THE ROAD TRIP	
NUMBER OF GALLONS OF GAS NEEDED	
AVERAGE GAS PRICE PER GALLON	
TOTAL COST OF ROAD TRIP	

WORK

TRIP #2: _____ **TO** _____

NUMBER OF MILES OF THE ROAD TRIP	
NUMBER OF GALLONS OF GAS NEEDED	
AVERAGE GAS PRICE PER GALLON	
TOTAL COST OF ROAD TRIP	

WORK

TRIP #3: _____ **TO** _____

NUMBER OF MILES OF THE ROAD TRIP	
NUMBER OF GALLONS OF GAS NEEDED	
AVERAGE GAS PRICE PER GALLON	
TOTAL COST OF ROAD TRIP	

WORK

NOTES

STAGE 2: EXIT TICKET

Name: _____ Date: _____

Based on the cost of the road trips and the information you have gathered on the destinations, which trip would you recommend to your client? Explain your reasoning.

ARE WE THERE YET?: STAGE 2 EXIT TICKET

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STAGE 2: EXIT TICKET

Name: _____ Date: _____

Based on the cost of the road trips and the information you have gathered on the destinations, which trip would you recommend to your client? Explain your reasoning.

ARE WE THERE YET?: STAGE 2 EXIT TICKET

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ARE WE THERE YET?: STAGE 2 EXIT TICKET

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STAGE 3: WARM-UP

Name: _____ Date: _____

- a. What additional travel costs might your client need to consider when taking either a road trip or flying on an airplane?

- b. How will these additional costs influence your recommendations?



ARE WE THERE YET?: STAGE 3 WARM-UP

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STAGE 3: WARM-UP

Name: _____ Date: _____

- a. What additional travel costs might your client need to consider when taking either a road trip or flying on an airplane?

- b. How will these additional costs influence your recommendations?



ARE WE THERE YET?: STAGE 3 WARM-UP

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TRAVEL AGENT: _____
CLIENT: _____

STAGE 3
RECORDING
SHEET

VIDEO NOTES

CLIENT'S HOMETOWN (DEPARTING CITY): _____

DESTINATION			
COST OF FLIGHT (PER PERSON)			
TOTAL COST OF AIRFARE			
COST OF ROAD TRIP			
WHICH METHOD IS CHEAPER?			

METHOD OF TRAVEL RECOMMENDATIONS

STAGE 3: EXIT TICKET

Name: _____ Date: _____

In the video news report, it states that most people assume it is always cheaper to drive than to fly; however, they claim there are some cases when flying can be cheaper. How did the news report compare to your recommendations for your client?

ARE WE THERE YET?: STAGE 3 EXIT TICKET

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STAGE 3: EXIT TICKET

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