


Your Trip Begins Here...

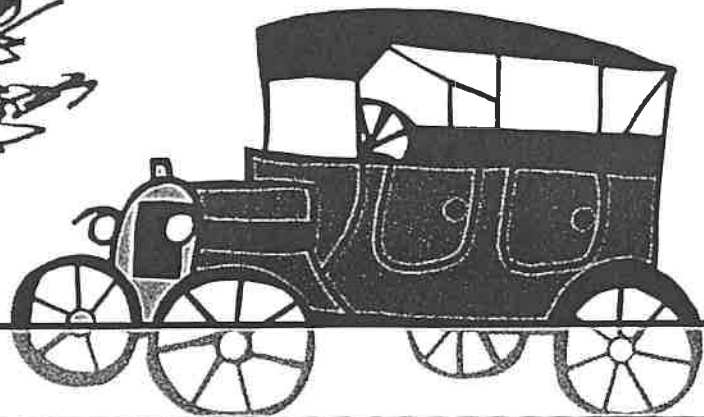


MICHIGAN

H  ME

Ratios & Rates

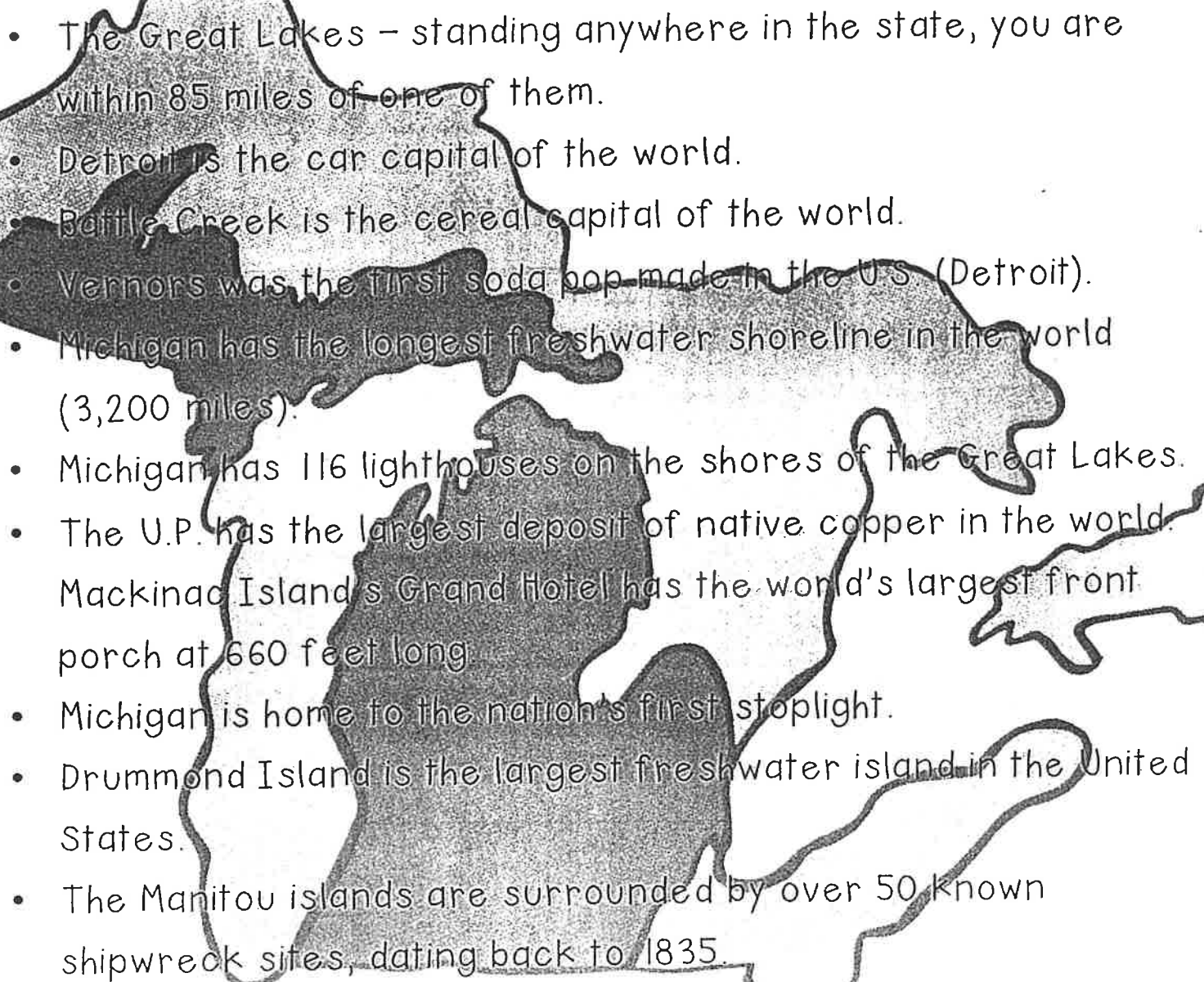
Project-Based Learning



Student Name: _____

Due Date: _____

Did you know that Michigan is HOME to so many amazing things?

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- The Great Lakes – standing anywhere in the state, you are within 85 miles of one of them.
 - Detroit is the car capital of the world.
 - Battle Creek is the cereal capital of the world.
 - Vernors was the first soda pop made in the U.S. (Detroit).
 - Michigan has the longest freshwater shoreline in the world (3,200 miles).
 - Michigan has 116 lighthouses on the shores of the Great Lakes.
 - The U.P. has the largest deposit of native copper in the world. Mackinac Island's Grand Hotel has the world's largest front porch at 660 feet long.
 - Michigan is home to the nation's first stoplight.
 - Drummond Island is the largest freshwater island in the United States.
 - The Manitou islands are surrounded by over 50 known shipwreck sites, dating back to 1835.

The state of Michigan is truly a magnificent state and it has so much to offer. Now it is your turn to explore...

Mission: Plan a Michigan vacation that highlights some of Michigan's greatest features given a budget. Complete a cost analysis of the vacation.



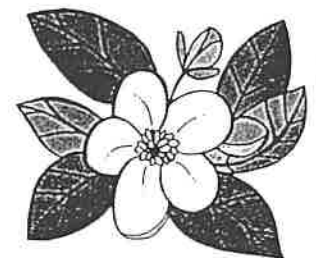
CELEBRATE MICHIGAN



Tourism is a growing industry in Michigan. In 2014, 113.4 million people from all over the world made Michigan a vacation destination; that is up 4% from 2013. These visitors spent nearly \$2.4 billion on lodging, food, recreation, entertainment and transportation. The money generated through tourism is vital to our state. Now it is your turn to attract tourists to discover Michigan's hottest vacation spots and/or best kept secrets.

Here are the minimum requirements:

1. The vacation will need to **accommodate a family of four (two adults/ two children)**.
2. Since this is a Michigan vacation, you will need to stay in the **Lower or Upper Peninsula**.
3. You will need to plan a **5-day vacation (5 days, 4 nights)**. This will include the time it takes you to travel to your destination(s).
4. Your **budget is \$_____** for the whole vacation. This will include food (2 meals per day), lodging, entertainment, car rental, and fuel expenses.
5. You **must travel by vehicle** – you may want to consider gas mileage when you are picking out your vehicle choice.
6. You **may visit more than one location**, but you will need to provide the accommodations for each place and account for the travel expenses in between the locations.
7. Each day you will need to engage in some form of **entertainment**. This could include (but not limited to) visiting a museum, amusement park, the beach, historical landmark, etc. You must have a variety of entertainment, choose something different to do each day
8. You will **present the highlights** of your vacation to the class. You will want to make the presentation visually appealing to your audience.
9. You will need to complete the **vacation planner packet (included)** and provide a **vacation analysis** on the form provided.
10. Have fun planning the **BEST** vacation ever!



TRAVEL ITINERARY



Dates of Travel:

_____, _____ to _____, _____ 20____
 (Month) (Day) (Month) (Day) (Year)

Starting Location:

Day 1 _____ (Date)	Traveling to: _____ Name of City/Town	# of miles to location:
Day 2 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> Traveling to: _____ Name of City/Town	# of miles to location:
Day 3 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> Traveling to: _____ Name of City/Town	# of miles to location:
Day 4 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> Traveling to: _____ Name of City/Town	# of miles to location:
Day 5 _____ (Date)	Traveling to: _____ Your Starting Location	# of miles to location:

Total Miles Traveled:

LODGING



Dates of Travel:

_____, _____ to _____, _____ 20____
 (Month) (Day) (Month) (Day) (Year)

Day 1 _____ (Date)	We will be staying at: _____ Name of Hotel/Resort	Cost for the night:
Day 2 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> New Location: _____ Name of Hotel/Resort	Cost for the night:
Day 3 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> New Location: _____ Name of Hotel/Resort	Cost for the night:
Day 4 _____ (Date)	<input type="checkbox"/> Staying or <input type="checkbox"/> New Location: _____ Name of Hotel/Resort	Cost for the night:
Day 5 _____ (Date)	Checking Out	No Lodging Expense

Notes:	Total Cost for Lodging:
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CAR RENTAL & FUEL COST



Rental Car Company: _____

(Name of Company and Location)

Type of Vehicle: _____

(Make and Model)

Total Cost for the Vehicle:

Cost of the Vehicle per day:

Average Miles Per Gallon (MPG):

Total Number of Miles Traveled:

Average Cost of Fuel Per
Gallon:

Number of Gallons of Fuel
Needed: (Total Miles \div MPG)

Total Cost of Fuel:
(# of Gallons \times Cost of Fuel)

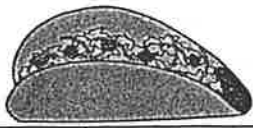
Total Vehicle Expense:
(Rental Car + Fuel Cost)

Notes:

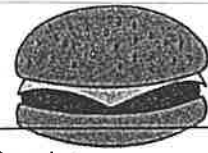
ENTERTAINMENT



Day 1 <hr/> (Date)	For entertainment we are going to: <hr/> Name of Attraction \$ _____ /Adult \$ _____ /Child	Cost:
Day 2 <hr/> (Date)	For entertainment we are going to: <hr/> Name of Attraction \$ _____ /Adult \$ _____ /Child	Cost:
Day 3 <hr/> (Date)	For entertainment we are going to: <hr/> Name of Attraction \$ _____ /Adult \$ _____ /Child	Cost:
Day 4 <hr/> (Date)	For entertainment we are going to: <hr/> Name of Attraction \$ _____ /Adult \$ _____ /Child	Cost:
Day 5 <hr/> (Date)	For entertainment we are going to: <hr/> Name of Attraction \$ _____ /Adult \$ _____ /Child	Cost:
Notes:		Total Cost for Entertainment:



FOOD EXPENSES



Day 1 _____ (Date)	Meal #1: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
	Meal #2: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
Day 2 _____ (Date)	Meal #1: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
	Meal #2: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
Day 3 _____ (Date)	Meal #1: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
	Meal #2: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
Day 4 _____ (Date)	Meal #1: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
	Meal #2: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
Day 5 _____ (Date)	Meal #1: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
	Meal #2: Breakfast Lunch Dinner _____ (Name of Restaurant)	Cost: _____
Notes:		Total Food Expense: _____

VACATION ANALYSIS

Total Cost of Vacation:		\$
Car Rental		
Total Distance Traveled:		
Cost Per Mile:		
Cost of the Rental Car to Total Cost of Vacation:		
Fuel		
Total Distance Traveled:		
Cost of Fuel per Gallon:		
Number of Gallons Needed:		
Miles per Gallon:		
Cost of Gasoline to Total Cost of Vacation:		
Lodging		
Average Cost per Night:		
Cost of Lodging to the Total Budget:		
Cost of Lodging per Hour:		
Cost of Lodging per Minute:		
Entertainment		
Average Cost per Day:		
Cost of Entertainment to Total Cost of Vacation:		
Food		
Total Cost of Food:		
Average Cost per Meal:		
Cost of Food to Cost of Entertainment:		
Cost of Food to Total Cost of Vacation:		
Overall		
Cost of vacation per day:		
Cost of vacation per hour:		
Cost of vacation per minute:		
Average cost per person:		

Michigan Vacation Rubric

	3 points	2 points	1 point	0 points
Travel Itinerary	Travel Itinerary was completely filled out for all 5 days	Travel Itinerary was mostly filled out. Missing some of the information.	Very little information was provided on the Travel Itinerary.	Travel Itinerary was not filled out.
Car Rental & Fuel Cost	Car Rental & Fuel Cost was completely filled out for all 5 days	Car Rental & Fuel Cost was mostly filled out. Missing some of the information.	Very little information was provided on the Car Rental & Fuel Cost .	Car Rental & Fuel Cost was not filled out.
Lodging	Lodging was completely filled out for all 5 days	Lodging was mostly filled out. Missing some of the information.	Very little information was provided on the Lodging .	Lodging was not filled out.
Entertainment	Entertainment was completely filled out for all 5 days	Entertainment was mostly filled out. Missing some of the information.	Very little information was provided on the Entertainment.	Entertainment was not filled out.
Food Expenses	Food Expenses were completely filled out for all 5 days	Food Expenses were mostly filled out. Missing some of the information.	Very little information was provided on the Food Expenses.	Food Expenses were not filled out.
Vacation Analysis	Vacation Analysis was completely filled out for all 5 days	Vacation Analysis was mostly filled out. Missing some of the information.	Very little information was provided on Vacation Analysis.	Vacation Analysis was not filled out.
Presentation Materials	Presentation materials included pictures, many details, and was organized.	Presentation materials were nice, but lacked details and effort.	Presentation materials were present with little to no detail.	No presentation materials were present.
Timeliness	Project was completed and turned in on time.	Project was 2-3 days late.	Project was more than 3 days late.	Project was not turned in.