

I am so fortunate to work alongside a talented and creative partner teacher. Together, we have focused on creating fun and life applicable projects in our math program.

This resource is a project we built for a diverse group of learners in an Ontario school. We ensure students will:

- Adding Decimals, rounding to the nearest hundredth (penny).
- Subtracting Decimals, rounding to the nearest hundredth (penny)
- Multiplying Decimals by whole numbers
- Dividing Decimals by whole numbers
- Estimating and budgeting

Not only will students complete a unique project and build real world skills, and math operation knowledge, but they will learn to double check work through peer marking. Students will be doing math questions again and again... and in our experience, loving every moment!

Practical Tips:

- We had students complete math for each option in each section before making choices. For example, they needed to sort out flying and renting a car with two different companies AND the costs of driving there from Ontario before choosing.
- Students could use a calculator to check their peer's work
- Students in our classes have used approx. 60 minutes per section
- Food takes the longest and may require an extra day.
- We had ongoing "due" dates in order to ensure peers could trade work and mark
- We allowed students who were ready for a challenge to add tax to shopping page
- We allowed students to spend their change anyway they wanted: some researched the price of first class flights, others added an entire day to their trip! One invested it in a savings plan for university.

We have made this project a printable PDF. Prices are checked as of January 2017 and are based on flights from Toronto, Ontario. All prices are in USD.

Questions or Suggestions? Email me: [cbuckingham@jkcs-oakville.ca](mailto:cbuckingham@jkcs-oakville.ca)



## Plan a family Yacation to Orlando!!

Name: \_\_\_\_\_

Number of Family Members going on your trip: \_\_\_\_\_ # of adults \_\_\_\_\_

Ages of kids: \_\_\_\_\_

Your family has budgeted **\$1,299.85** per person.

This means you have a total budget of \$\_\_\_\_\_

**Your trip will be 3 days and 2 nights long.**

**You will choose food, hotels, transportation, excursions, and even shop!**

**You need to work through this trip planning book in order and keep track of final decisions on your bill at the back of this packet.**

**Have fun!**



# Transportation!

How will your family get to Orlando? Some families choose to drive, and others choose to fly, but no matter what you choose, there are financial factors that help decide!

**Flying Option:** *Yes, you will get there quickly, but this option may cost your family more than you think! If you choose to fly, you must ALSO RENT A CAR! Make sure you add that cost to your total. Do the math for all flights, rental cars and driving options before choosing your travel choice and filling in your costs on the attached bill!*

<p><b>Air Canada</b></p> <p>This is a direct flight that <b>includes a lunch</b> on the plane. The flight leaves from Toronto and your family must get to the airport. Air Canada offers a shuttle service for a cost of \$50/family <b>each</b> direction.</p> <p style="text-align: center;"><b>Flight Costs: \$342.66 per person</b></p> <p><b>Cost per person?</b></p> <p><b>\$50 x 2(both directions) divided by</b> _____ <b>(# of people)</b></p> <p><b>plus \$342.66 =</b> _____</p> <p><b>Cost for your family?</b></p> <p>_____ <b>flights x \$342.66 =</b> _____</p> <p><b>Plus \$50 x 2 = TOTAL:</b> _____</p>	<p><b>West Jet</b></p> <p>This flight has one stop and does <b>not include a lunch</b> on the plane. So, you will have to buy one below. The flight leaves from Toronto and your family must get to the airport. West Jet offers a shuttle service for free.</p> <p style="text-align: center;"><b>Flight Costs: \$324.55 per person</b></p> <p style="text-align: center;"><b>Food at the airport: \$12.77 per person</b></p> <p><b>Cost per person:</b></p> <p><b>Food + Flight =</b> _____</p> <p><b>Cost for your family:</b></p> <p>_____ <b>flights x \$324.55 =</b> _____</p> <p><b>Plus</b> _____ <b>people x \$12.77 =</b> _____</p>
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**Rental Car Options:**

<p><b>Budget</b> <i>(all prices are per day!)</i></p> <p>A car that fits up to 5 people: \$45.60          A car that up to 7 people: \$67.88          A van that fits up to 12 people: \$89.99</p> <p>My family would need the vehicle that fits up to _____ people.</p> <p>Total: 3 days x _____ = _____</p> <p>But wait! If you choose Air Canada, the cost of this car goes down \$20/day. What would the cost of this car be if you choose Air Canada:</p> <p>_____</p>	<p><b>Hertz</b> <i>(all prices are per day!)</i></p> <p>A car that fits up to 5 people: \$51.60          A car that up to 7 people: \$69.88          A van that fits up to 12 people: \$92.99</p> <p>My family would need the vehicle that fits up to _____ people.</p> <p>Total: 3 days x _____ = _____</p> <p>But wait! If you choose West Jet, the cost of this car goes down \$100 in total. What would the cost of this car be if you choose West Jet?</p> <p>_____</p>
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### Driving Option:

*There are a few costs that come with driving! You will need to figure out gas, oil changes, and food to decide if this option makes sense!*

<p><b>Gasoline:</b> Does your family drive a car or a van? Work out your cost per litre of gas:</p> <p>CAR: Your car uses .069 litres for 1 km</p> <p>VAN: Your van uses .094 litres for 1 km.</p> <p>Orlando is 2060.1 km away from here. Remember, you will need to get back too!</p> <p>The cost of gas is .96 per litre.</p> <p><b>What is your cost for gas:</b></p> <p>Total km (both ways): _____</p> <p>Multiply by how many litres your car can go per km: _____</p> <p>Multiply by the cost of gas per km: _____</p>	<p><b>Food:</b> Travelling by car means 24 hours of straight driving. Your parent(s) are up for that, but they will need to purchase food along the road. Figure out your food costs:</p> <p>\$10.50/meal per person</p> <p>In 24 hours, each person will need to eat _____ meals.</p> <p>Total cost per person: _____</p> <p>Cost per person multiplied by number of people coming: _____ x _____ = _____</p>	<p><b>Oil Changes, etc.</b> There is wear-and-tear on a car/van that makes a trip like this. You should factor in the cost of an oil change and an extra jug of washer fluid.</p> <p>Oil Change costs: \$88.88</p> <p>Washer Fluid costs: \$5.55</p> <p>Total: _____ + _____ = _____</p>
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**Total cost for car option:**

GAS: \_\_\_\_\_ + MEALS: \_\_\_\_\_ + EXTRAS: \_\_\_\_\_

= \_\_\_\_\_

Cost per person:

Above total \_\_\_\_\_ divided by family members \_\_\_\_\_ = \_\_\_\_\_ per person.

# ORLANDO HOTELS

Your family will need to have lodging for 2 nights on this trip. Please select which hotel you would like to stay at. (Note: you can select a different hotel for each night). Limit of 6 people per room... more people coming? You will need more rooms!

## LUXURY FOUR SEASONS ORLANDO



**Star Rating:** 4.7

**Features:** Within the gates of Walt Disney World® Resort in Orlando, discover Central Florida's only resort to receive the coveted AAA Five Diamond Award. Create a Four Seasons-only luxury getaway in Orlando, with golf, spa, dining and a fun-filled island for kids, or make the Resort your base for a Disney adventure.

**Cost Per Night:**

\$598.97 for 4 or less people  
\$28.89 for each additional cot (1 person)

## WALT DISNEY WORLD DOLPHIN RESORT



**Star Rating:** 3.8

**Features:** Located in the heart of the most magical place on earth, the Walt Disney World Swan and Dolphin Resort provides a truly extraordinary backdrop for your Orlando vacation. From our spectacular lobbies and our unique restaurants, to the exotic Mandara Spa, and our incredibly comfortable guest rooms, we offer the ultimate escape just moments away from the thrill and excitement of the Walt Disney World® Resort.

**Cost Per Night:**

\$355.64 for 4 or less people  
\$18.32 for each additional cot (1 person)

## HOLIDAY INN - ORLANDO SPRINGS



**Star Rating:** 4.3

**Features:** The only Holiday Inn hotel in the WALT DISNEY WORLD® Resort. With No Resort Fee, our unique Walt Disney World® location makes this the perfect place to stay during your next Orlando family vacation. With 323 upgraded rooms and new lobby, enjoy our top-to-bottom rebuild. Our hotel is just a short walk from everything the *Disney Springs™* Area has to offer, as well as several Orlando attractions, Disney Golf courses and shopping.

**Cost Per Night:**

\$168.96 for two queen beds (4 or less)  
\$12.54 for each additional cot (1)

## HILTON ORLANDO BUENA VISTA PALACE



**Star Rating:** 3.7

**Features:** This hotel is where all the action is. Located in walking distance of *Disney Springs™* Resort Area, this hotel is within a 5-mile radius of all Disney Theme Parks. We're also convenient to Lake Buena Vista Factory Stores, SeaWorld® Orlando and Universal Orlando® Resort. Admire Epcot fireworks, *Disney Springs™* or our pool from your guest room. All of our accommodations have a mini-refrigerator, WiFi and LCD TV, and most offer a private balcony.

**Cost Per Night:**

\$182.77 for two queen beds (4 or less)  
\$14.31 for each additional cot (1)

# ORLANDO HOTEL COSTS:

**Night 1:** Hotel Selected: \_\_\_\_\_

Cost for Room: \_\_\_\_\_

Cost for extra cot(s): \_\_\_\_\_

**Total for Night 1:** \_\_\_\_\_ +

\_\_\_\_\_ = \_\_\_\_\_

**Cost per person:** Night 1 Total      Number of people: \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_ per person

**Night 2:** Hotel Selected: \_\_\_\_\_

Cost for Room: \_\_\_\_\_

Cost for extra cot(s): \_\_\_\_\_

**Total for Night 2:** \_\_\_\_\_ +

\_\_\_\_\_ = \_\_\_\_\_

**Cost per person:** Night 2 Total      Number of people: \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_ per person

**Lodging Total:** Night 1 + Night 2 =

\_\_\_\_\_

**Lodging Total / Person:** Night 1 / person + Night 2 / person = \$

\_\_\_\_\_

# FOOD!



Let's talk about food... The food on your transportation days is already taken care of, but you need to budget money for your three days in Florida. Your family will need to eat three meals a day, plus drinks and 2 snacks for each day of your trip. These are your options. Choose carefully!

## DAY ONE OPTIONS (Highlight your choice for each)

Breakfast Options	Hotel Buffet \$69.99/family	Denny's Restaurant Adult Portion: \$9.88 Child Portion: \$6.88	McDonald's Adult Meal: \$4.99 Happy Meal: \$3.99
Lunch Options	Picnic we packed ourselves: \$36.78/family	Nice Place at Excursion: Adult: \$19.99 Child: \$12.99	Fast Food at Excursion: Adult: \$12.99 Child: \$7.49
Dinner Options	Planet Hollywood: Adult Meals: \$34.79 Children's Meals: \$16.25	Dinner at Excursion: Adult: \$24.99 Children: \$15.48	All you can eat Chinese Food: \$16.25/person
Snack Options (Choose 2, but you can choose the same one twice)	Grocery Store and Bring along! \$21.66 per one snack time for whole family	Snacks at Excursion: Small and reasonable choices:: \$7.85 per person	Really nice snacks at Excursion: \$11.34 per person
Drink Options	Refillable Water Bottles - FREE	Buy juice, water, milk, or pop when needed: \$21.99/person	Drink water at meals, but buy 2 drinks out in the day. \$5.99/person

### Day One Bill:

Total each option you chose and work out the average cost per person for each meal too.

For example, if your family has 2 adult meals and 3 kids meals for lunch at the nice place, you would spend \$109.94 total. The cost per person would be 109.94 divided by the 5 people.

Quantity	Meal	Cost per person	Total Cost
	Breakfast		
	Lunch		
	Dinner		
	Snacks		
	Drinks		
<b>TOTAL DAY ONE FOOD COSTS:</b>			

## DAY TWO OPTIONS (Highlight your choice for each)

Breakfast Options	Hotel Buffet \$69.99/family	Perkin's Restaurant Adult Portion: \$8.98 Child Portion: \$5.88	Burger King Adult Meal: \$5.99 Happy Meal: \$4.49
Lunch Options	Picnic we packed ourselves: \$24.76/family	Nice Place at Excursion: Adult: \$21.99 Child: \$14.99	Fast Food at Excursion: Adult: \$10.69 Child: \$6.69
Dinner Options	Rainforest Cafe: Adult Meals: \$37.79 Children's Meals: \$13.26	Dinner at Excursion: Adult: \$25.09 Children: \$11.27	All you can eat Indian Food: \$14.75/person
Snack Options (Choose 2, but you can choose the same one twice)	Grocery Store and Bring along! \$30.02 per one snack time for whole family	Snacks at Excursion: Small and reasonable choices: \$6.65 per person	Really nice snacks at Excursion: \$14.24 per person
Drink Options	Refillable Water Bottles - FREE	Buy juice, water, milk, or pop when needed: \$21.99/person	Drink water at meals, but buy 2 drinks out in the day. \$5.99/person

**Day Two Bill:**

Total each option you chose and work out the average cost per person for each meal too.

For example, if your family has 2 adult meals and 3 kids meals for lunch at the nice place, you would spend \$109.94 total. The cost per person would be 109.94 divided by the 5 people.

Quantity	Meal	Cost per person	Total Cost
	Breakfast		
	Lunch		
	Dinner		
	Snacks		
	Drinks		
<b>TOTAL DAY TWO FOOD COSTS:</b>			



**DAY THREE OPTIONS (Highlight your choice for each)**

Breakfast Options	Hotel Buffet	Waffle House	IHOP
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TPT: Carla & Danielle's Grade 7 Resources

	\$69.99/family	Adult Portion: \$5.88 Child Portion: \$4.88	Adult Meal: \$9.98 Kids Meal: \$6.99
Lunch Options	Picnic we packed ourselves: \$39.74/family	Nice Place at Excursion: Adult: \$24.99 Child: \$17.99	Fast Food at Excursion: Adult: \$10.99 Child: \$6.79
Dinner Options	Olive Garden: Adult Meals: \$34.79 Children's Meals: \$16.25	Dinner at Excursion: Adult: \$24.99 Children: \$15.48	Trump Restaurant: \$456.76/family meal deal
Snack Options (Choose 2, but you can choose the same one twice)	Grocery Store and Bring along! \$33.33 per one snack time for whole family	Snacks at Excursion: Small and reasonable choices: \$5.55 per person	Really nice snacks at Excursion: \$22.22 per person
Drink Options	Refillable Water Bottles - FREE	Buy juice, water, milk, or pop when needed: \$21.99/person	Drink water at meals, but buy 2 drinks out in the day. \$5.99/person

Day Three Bill:

Total each option you chose and work out the average cost per person for each meal too.

For example, if your family has 2 adult meals and 3 kids meals for lunch at the nice place, you would spend \$109.94 total. The cost per person would be 109.94 divided by the 5 people.

Quantity	Meal	Cost per person	Total Cost
	Breakfast		
	Lunch		
	Dinner		
	Snacks		
	Drinks		
<b>TOTAL DAY THREE FOOD COSTS:</b>			

Day One total: \_\_\_\_\_

Day Two total: \_\_\_\_\_

Day Three total: \_\_\_\_\_

**Total:** \_\_\_\_\_

**Cost per person:** \_\_\_\_\_

# Fun Days!

Your family needs to fill 3 days of fun! Find out how much each excursion would be for your family and then choose three different ones and fill out your costs on your final bill. Put a star next to your three choices!

 <p><b>Disney World: The Magic Kingdom</b>            Cost per adult: \$104.99            Cost per child 3-10: \$99.99</p> <p><i>Have a magical day! Meet characters, experience amazing rides, shop, eat, and enjoy quality shows.</i></p> <p>If I choose this, my family would pay:</p> <p>Adults _____ x \$104.99= _____            Children _____ x \$99.99= _____            Total _____ + _____ = _____</p>	 <p><b>Universal Studios</b>            Cost per adult: \$105.78            Cost per child 3-12: \$100.49</p> <p><i>Do you like the movies? Universal features rides all themed around films! Our newest attraction is Harry Potter World... Enjoy the magic.</i></p> <p>If I choose this, my family would pay:</p> <p>Adults _____ x \$105.78= _____            Children _____ x \$100.49= _____            Total _____ + _____ = _____</p>
<p><b>Holy Land Experience</b>            Cost per adult: \$49.88            Cost per child 5-12: \$34.88            Cost per child 2-4: \$20</p>  <p><i>Looking for fun but also to avoid the magic? Come visit Jerusalem and walk the steps that Jesus walked.</i></p> <p>If I choose this, my family would pay:</p> <p>Adults _____ x \$49.88= _____            Children _____ x \$34.88= _____            Children _____ x \$20 = _____            Total = _____</p>	<p><b>Kennedy Space Centre</b>            Cost per child: \$38.88            Cost per adult (12+): \$48.88</p>  <p><i>Our ongoing space journey can be defined by significant eras. That's why we've organized Kennedy Space Center Visitor Complex into Mission Zones — grouped attractions and experiences reflecting specific periods of time and achievements. Your journey awaits!</i></p> <p><i>If I choose this, my family would pay:</i></p> <p>Adults _____ x \$48.88= _____            Children _____ x \$38.88= _____            Total _____ + _____ = _____</p>
<p><b>Beach Day</b>            Free except Parking!</p>  <p>If I choose this, my day is free except for a parking rate of \$24.97</p>	<p><b>Sea World</b>            Cost: \$59.72            Under 3: Free</p>  <p><i>Visit incredible aquatic animal exhibits, Watch awesome live shows, and ride the rides</i></p> <p>If I choose this, my family would pay:</p> <p>_____ x 59.72 = _____</p>

# SHOPPING!



Every trip includes a bit of shopping! It's nice to buy souvenirs to remember our favourite moments. It's also fun to buy some clothing. Remember, each person in your family will want at least **2 items each** to take home. You can purchase as many items as you would like. Just remember to stay within budget!

NAME OF FAMILY MEMBER	ITEMS BOUGHT	COST OF ITEMS	TOTAL

**Grand total of \$ spent on souvenirs:**                    \$ \_\_\_\_\_

**Average cost per person:**    \$ \_\_\_\_\_

# SHOPPING CATALOGUE

APPAREL	SOUVENIRS	KNICK-KNACKS	TOYS
 <p>Mickey Hoodie I \$34.98</p>	 <p>Mickey hat \$12.34/ hat</p>	 <p>Minnie Purse \$17.71/ purse</p>	 <p>Disney Stuffie \$15.90 Per stuffed animal</p>
 <p>Mickey Hoodie II \$30.12</p>	 <p>Minnie Headband \$8.77 / headband</p>	 <p>Disney Keychain \$4.85/key chain</p>	 <p>Spiderman Ball \$11.27</p>
 <p>Princess Longsleeve \$ 29.79/shirt</p>	 <p>Mickey/Minnie Mug \$9.87 / mug</p>	 <p>Mickey White Gold Necklace \$49.35 / necklace</p>	 <p>Star Wars Figurines \$21.24 for set</p>
 <p>Disney t-shirt</p>	 <p>Epic Disney Hat</p>	 <p>Disney Movie</p>	 <p>Disney Movie</p>

<p>\$14.55/shirt</p>	<p>\$20.14</p>	<p>Jewelry Box \$22.22</p>	<p>\$18.56 / movie</p>
 <p>Star Wars t-shirt \$18.67/shirt</p>	 <p>Disney Snowglobe \$21.11</p>	 <p>Disney Suitcase \$65.21 (per bag)</p>	 <p>Star Wars Light Sabre \$9.47</p>
 <p>Grumpy T-shirt \$9.99</p>	 <p>Disney Water Cups \$ 34.76 (for all four)</p>	 <p>14k Gold Ring \$56.87</p>	 <p>Disney Souvenir Pack \$38.32</p>
 <p>Disney Onesie \$36.88/onesie</p>	 <p>Disney Collector Coin \$18.09 / collector coin</p>	 <p>Disney Fitbit \$120.34</p>	 <p>Disney Backpack \$ 25.67</p>

# FINAL BILL:

It is important to track all your final expenses here to make sure you come in at (or under) your budget. Only include the options you chose! For example, don't add flights option and car option to the final bill. Print neatly and use the information you created throughout your trip planner. Every column needs to be filled in for each expense.

# of people	Description of Expense	Price for One	Cost for All
	Food		
	Hotels		
	Transportation		
	Fun Days		
	Shopping		
	Extras?		
Total of my trip \$			
Total Budget \$			
Change left over (budget - total cost)			



**Your peers will mark your work after you are done each section. Please let them fill this out!**

My Name is \_\_\_\_\_ and I am marking the **Travel Costs** section.

I found \_\_\_\_\_ mistakes out of \_\_\_\_\_ "questions".

On a scale of 1-10, I think this project is: (10 is the best ever)

Organized: \_\_\_\_\_ Neat: \_\_\_\_\_ Accurate: \_\_\_\_\_ Complete: \_\_\_\_\_

Do you have any comments you wish to add?

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My Name is \_\_\_\_\_ and I am marking the **Food** section.

I found \_\_\_\_\_ mistakes out of \_\_\_\_\_ "questions".

On a scale of 1-10, I think this project is: (10 is the best ever)

Organized: \_\_\_\_\_ Neat: \_\_\_\_\_ Accurate: \_\_\_\_\_ On Schedule: \_\_\_\_\_

Do you have any comments you wish to add?

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My Name is \_\_\_\_\_ and I am marking the **shopping** section.

I found \_\_\_\_\_ mistakes out of \_\_\_\_\_ "questions".

On a scale of 1-10, I think this project is: (10 is the best ever)

Organized: \_\_\_\_\_ Neat: \_\_\_\_\_ Accurate: \_\_\_\_\_ On Schedule: \_\_\_\_\_

Do you have any comments you wish to add?

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My Name is \_\_\_\_\_ and I am marking the **Excursions** section.

I found \_\_\_\_\_ mistakes out of \_\_\_\_\_ "questions".

On a scale of 1-10, I think this project is: (10 is the best ever)

Organized: \_\_\_\_\_ Neat: \_\_\_\_\_ Accurate: \_\_\_\_\_ On Schedule: \_\_\_\_\_

Do you have any comments you wish to add?

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My Name is \_\_\_\_\_ and I am marking the **Hotels** section.

I found \_\_\_\_\_ mistakes out of \_\_\_\_\_ "questions".

On a scale of 1-10, I think this project is: (10 is the best ever)

Organized: \_\_\_\_\_ Neat: \_\_\_\_\_ Accurate: \_\_\_\_\_ On Schedule: \_\_\_\_\_

Do you have any comments you wish to add?

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Your Teacher's Feedback on a scale of 1-10:

Student can add and subtract decimals:

Student can multiply decimals:

Student can divide decimals:

Student completes every section:

Student's work is neat and organized.

Overall Mark: \_\_\_\_\_