

FIELD TRIP FINANCE

LESSON OVERVIEW: STUDENTS WILL USE MATH SKILLS TO WORK WITH MONEY AND UNDERSTAND ECONOMICS IN REAL WORLD SITUATIONS.

MATH STANDARDS

Numbers, Sense, Concepts & Operations: Standard 1

The student understands the different ways numbers are represented and used in the real world. (MA.A.1.2.1; MA.A.1.2.2

MA.A.1.2.3; MA.A.1.2.4)

Numbers, Sense, Concepts & Operations: Standard 3

The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate Operations, and computes for problem solving. (MA.A.3.2.1; MA.A.3.2.2

MA.A.3.2.3; MA.A.3.2.4)

Measurement: Standard 4

The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy

Required in real-world situations. (MA.B.4.2.1)

Data Analysis & Probability: Standard 1

The student understands and uses the tools of data analysis for managing information.

(MA.E.1.2.1; MA.E.1.2.3)

Data Analysis & Probability: Standard 3

The student uses statistical methods to make inferences and valid arguments about real-world situations. (MA.E.3.2.1)

SOCIAL STUDIES STANDARDS

Economics: Standard 1

The student understands how scarcity requires individuals and institutions to make choices about how to use resources.

(SS.D.1.2.1; SS.D.1.2.2; SS.D.1.2.3; SS.D.1.2.5)

Materials:

Pricing Grid, Calculator

Ticket Type	Price
Regular Park Ticket	\$52.00+tax
Student Ticket Pre K-5th grade	\$24.00+tax
Student Ticket 6th-8th grade	\$29.00+tax
Student Ticket 9th-12th grade	\$34.00+tax
Complimentary ticket ratio	1 free per 10 students paid
Tax rate	6.5%

** All data used in these tables are for this exercise only and does not represent actual park information.*

Food	Price
Hamburger	\$4.25+tax
Pizza	\$3.00+tax
Chicken	\$5.00+tax
Soft Drink	\$2.00+tax
Ice Cream	\$2.50+tax
Cotton Candy	\$2.00+tax

Merchandise	Price
Hat	\$7.00+tax
T-Shirt	\$12.00+tax
Tote bag	\$14.50+tax
Stuffed toy	\$16.00+tax

Procedures:

1. Make a chart including the following information about your class:
 - List of students in class
 - List food choice for each student (using the options on the previous page)
 - List souvenir choice for each student (using the options on the previous page)

NAME	MENU	SOUVENIR

Wrap-up:

Using the chart provided and the chart created in class, have students answer the following questions:

1. How much will it cost to purchase Universal Orlando® tickets for your class?
(For this lesson, assume you DO NOT pay sales tax)
2. How many complimentary passes is your class entitled to?
3. How much will it cost for the entire class to eat what they want?
4. How much will both food and theme park tickets cost for your class?
5. How much money does your class save by purchasing student passes rather than regular admission tickets?
6. How much will it cost for the class to purchase their tickets, their favorite food and their choice of souvenir?
7. Have students list ways they can raise money for their field trip.

After The Thrill:

While in the park, have students discuss ways that they could save money throughout the day.