

Week 18 Day Two

CPM (5.1's & 5.2's)  
MP: Communicate & Justify

What went wrong ?????



# Sit with your project crew...

**MP: Communicate & Justify**

## **Search up**

How much is starting salary \_\_\_\_\_ per hour CA

Starbucks

Trader Joe's Puller

Pre-School Teacher

Plumber

Registered Mental Health Nurse

## **Create a table**

**Calculate** the salary for 1 hour, 2 hours, 3 hours.... 8 hours

## **Create a second table**

**Calculate** the salary for 1 week, 2 weeks.... 4 weeks

## **Create two graphs**

(one for each table -- and verify your calculations)

## Probability --- Simple & Compound

MV Ice Cream is Mr. Nelson's favorite place to get ice cream. Unfortunately, because he was late arriving there, his friends had already ordered. He did not know what they ordered for him.

They told him that it was either a waffle cone or a sundae and that the ice cream flavor was apricot, chocolate, or blackberry.

What strategies could you use to figure out the probabilities of the various combinations?

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**Make a list (or table or probability tree)** of all of the possible ice cream orders.

**What is the probability** that Mario will get something with apricot ice cream?

**What is the probability** that he will get a sundae?

**What is the probability** that he will get either something with chocolate or a waffle cone with blackberry?

**What is the probability** that he will get orange sherbet?

**Next thing...**

Imagine that you have a bag with a red block, a blue block, a green block, & a yellow block inside. You make **two draws from the bag**, *replacing* the block after each draw.

Are these two events (the two draws of a block) **independent or dependent**?

**Does it matter** if you replace the block each time? Why or why not?

**Find the probability** of getting a red block and a blue block. (Either color can come first.)

## Guess Who- Halloween Candy

Complete the table below. Then, research potential candy options and use your calculations to determine if you have the correct type of candy. The entire class must complete the assignment and agree in order to be eligible for the prize— candy..

Calories g	Calories %	FAT g	FAT %	Sat. fat g	Sat. fat %	Sodium g	Sodium %	Sugar g	Sugar %	Carbs. g	Carbs %	Who Am I?
100	5	0	0	0	0		.6		46	24		
180			12	4		90		28	56	29	10	
	2	.1		.0	0		1	4.8			3.1	
2,000 calorie per day diet	100	67	100	20	100	2,250mg	100		100		100	

*Describe how you used reasoning and technology tools to solve the riddle #MP's reasoning & tools*

# Project Launch

(sit with your project crew the rest of the week

**MP: Communicate  
& Justify**

Write the following 4 statements on your team's paper:

*-Those who work should be paid.*

*-No one who works full-time should live in poverty.*

*-Wages should be high enough to support a family on one income.*

*-The legal minimum wage should be high enough to get by.*

Use + and – signs to show if you agree/disagree with each statement (each team member gets one vote).

# Minimum Wage -- Living Wage

(sit with your project crew the rest of the week

**MP: Communicate  
& Justify**

What do you know about

*minimum wage*      *living wage*

Living wage is the wage that individuals need to make in order to “sustain a living”. That is, be able to pay for housing, childcare, food, medical, and transportation expenses in a given community. Living wages do not include any “extras” such as new shoes, flat-screen TVs, presents, or school supplies. Living wages vary greatly from county to county and state to state.

Brainstorm: What sorts of jobs are minimum wage jobs?

Living wage jobs?

*summarize & post*