



# Ms. Williamser's Agenda for the Week of May 11th

All this information is also on my teacher webpage & Microsoft teams.

Check in with  
Ms. Williamsen

# ZOOM OFFICE HOURS

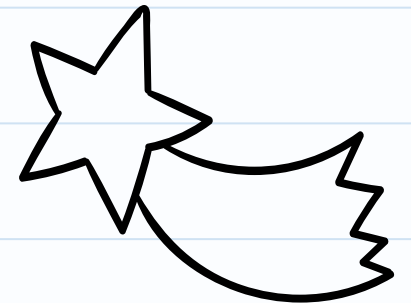
- Mondays  
~ 9:00-9:30AM  
~ 1:00-1:30PM
- Wednesdays  
~ 9:00-9:30AM  
~ 1:00-1:30PM

- Meeting ID's will be posted on Teams in the Video Meetings Channel for students to join.
- These sessions are optional.
- If you cannot follow school rules, you will be put on mute and video off.

~Be  
Respectful

~Be  
Responsible

~Be Safe





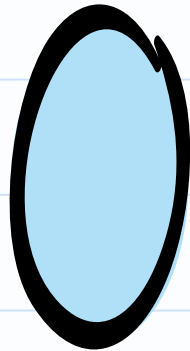
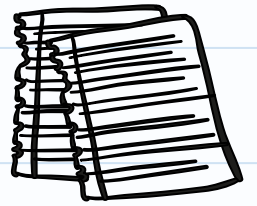
# EXPECTATIONS



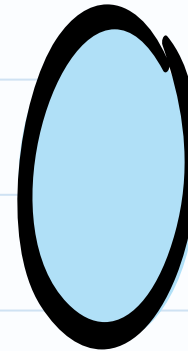
- You will be going at your own pace during the week for our continued learning. You may work ahead. You do not have to follow my schedule on slide 7.
- We will be continuing our work on Freckle. You will start your day with 30 minutes of math on Mondays & Wednesdays. This means by the end of the week you should have completed at least 60 minutes of math in Freckle.
- There are 2 lessons for the week.
- There is a video or two for each lesson. These will be your notes. I suggest following along with your math notebook. I have also created extra videos that will provide more examples if you need to watch and practice.
- There will be 2 worksheets (one for each lesson). These are now an assignment on Teams. You will need to attach your work to the assignment as a picture or word doc. You need to SHOW WORK or no credit. I will be using the worksheets as collected items in PowerSchool.
- You must complete the Microsoft Form by the end of the week and turn in. I will be using the Forms Quiz as a letter grade in PowerSchool. You may reassess, but you need to ask!



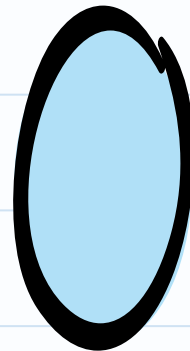
# TIPS



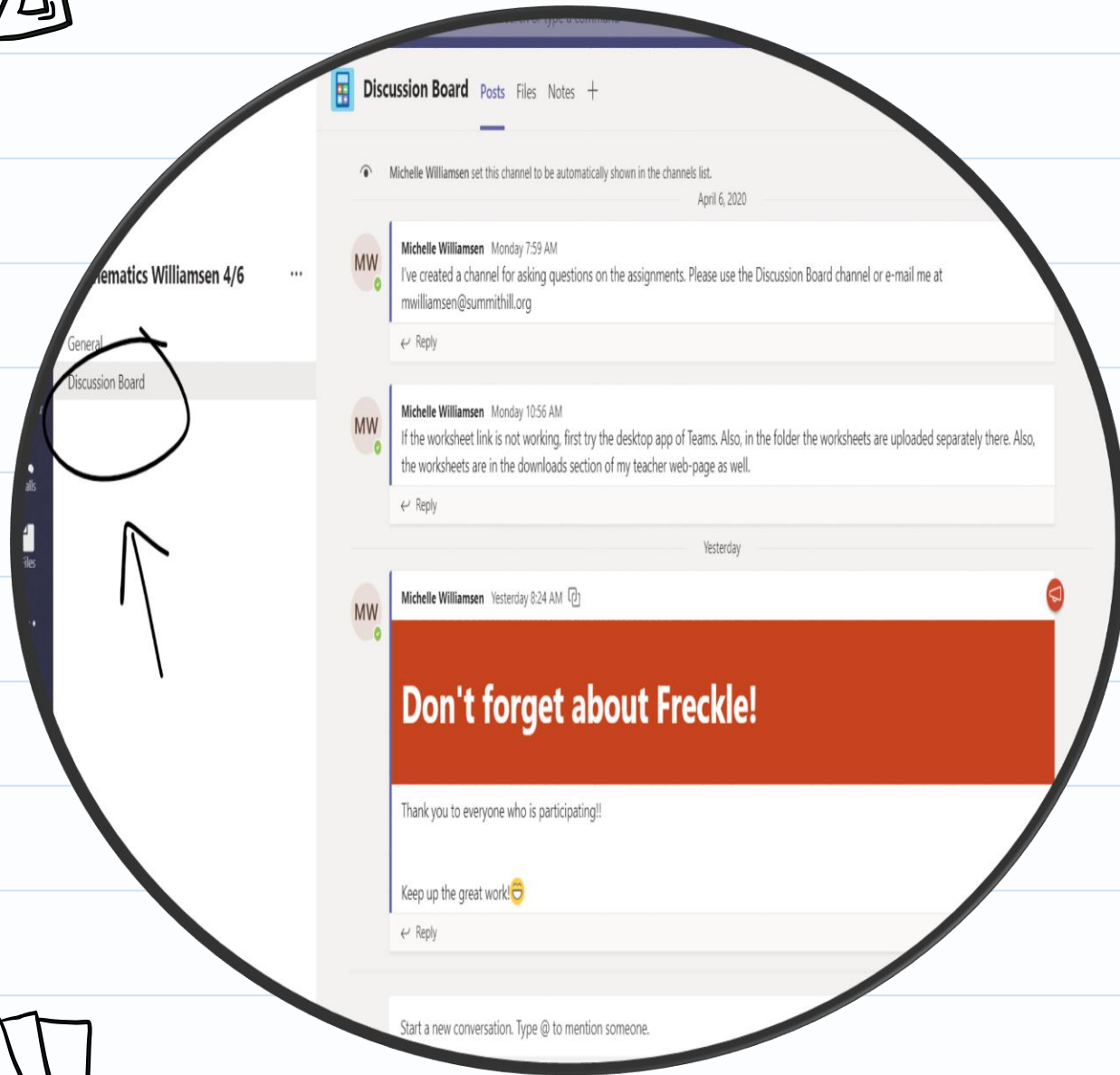
In Teams, under the "general" channel there is a tab called "Video Tutorials". In this tab, you will find extra examples on topics we are covering.



In the "Agenda" folder for the week, you will find a folder titled "Quiz Pictures". If the pictures do not load in the Forms Quiz, they are all located in this folder. They are titled by the problem number.



In the "Agenda" folder for the week, you will find a folder titled "Extra Examples". In this folder, you will find examples written or typed out for the topics we are covering for the week.



Please make sure if  
you have questions  
e-mail me at  
[mwilliamsen@summit  
hill.org](mailto:mwilliamsen@summithill.org) or use the  
Discussion Board on  
Teams.



# SHOW YOUR WORK!

# ASSIGNMENTS

- All practice work & Forms Quiz will be assigned through Teams.
- Make sure you are checking Teams for all practice work for math

## Once you open your Assignment:

1. View assignment
2. Print WS or complete work on loose leaf
3. Take a Picture of Work
4. Save Picture to Computer
5. Attach the Picture
6. Submit

Answers for the worksheet  
will be posted on Tuesday &  
Thursday.

1. Go to General Channel
2. Go to the Files tab
3. Go to the "Agenda for May 4 - May 8" folder
4. Go to the "Answers" folder
5. Check your work honestly. Make the marks right on the paper with a different color.
6. Submit

Watch this Video on how to attach work  
to an assignment.

[https://youtu.be/\\_dZPRofODqg](https://youtu.be/_dZPRofODqg)

# WHAT ARE WE LEARNING THIS WEEK?

## Materials Needed:

- Tablet
- Math Notebook
- Calculator

## Monday

- ~ 30 minutes of Freckle
- ~ Lesson 1: Theoretical Probability

## Tuesday

- ~ Finish Freckle or Lesson 1 if needed

## Wednesday

- ~ 30 minutes of Freckle
- ~ Lesson 2: Experimental Probability
- ~ Forms Quiz due Friday

## Thursday

- ~ Finish Freckle or Lesson 2 if needed
- ~ Forms Quiz due Friday

## Friday

- ~ Forms Quiz Due

## Freckle Codes:

- ~ Period 1/2: jym2kd
- ~ Period 4/6: xmdfes
- ~ Period 7/9: 7nepfh

Print Vocab or  
Copy into your  
math  
notebook.

~ This is on  
Teams as well.

### Probability Unit Vocabulary - Week One

**Probability of an Event** – the measure of the likelihood of an event to occur.

- The probability of an event is measured between 0 and 1 or 0% and 100%

**Theoretical Probability** –  $\frac{\text{The Number of Favorable Outcomes}}{\text{The Number of Possible Outcomes}}$

- Theoretical Probability is the probability of an event to occur based on mathematical certainty.
- For example the theoretical probability flipping a coin and getting a heads is  $\frac{1}{2}$

**Experimental Probability** --  $\frac{\text{The Number of Favorable Events Observed}}{\text{The Total Number of Trials}}$

- Experimental Probability is the probability of an event occurring based on experimental results.
- For example, if the White Sox have won 3 out of their first 5 games, the experimental probability of winning their next game would be  $\frac{3}{5}$



These  
notes can  
be helpful  
as well.

I posted  
these in  
Teams.

## Converting Rational Numbers Notes

<b>Percent to Fraction</b>	<ol style="list-style-type: none"> <li>1. Rewrite the % over Fraction</li> <li>2. Simplify</li> </ol> <p>Example:  <math>42\% &gt; \frac{42}{100} = \frac{21}{50}</math></p>	<b>Percent to Decimal</b>	<ol style="list-style-type: none"> <li>1. Remove the % sign</li> <li>2. Move decimal 2 places to the left</li> </ol> <p>Example:  <math>42\% &gt; 0.42</math></p>
<b>Fraction to Decimal</b>	<ol style="list-style-type: none"> <li>1. Divide the numerator by the denominator</li> </ol> <p>Example:  <math>\frac{1}{8} = 1 \div 8 = 0.125</math></p>	<b>Fraction to Percent</b>	<ol style="list-style-type: none"> <li>1. Convert the fraction to a decimal</li> <li>2. Move the decimal 2 places to the right</li> <li>3. Add the % sign</li> </ol> <p>Example:  <math>\frac{1}{8} = 0.125 = 12.5\%</math></p>
<b>Decimal to Percent</b>	<ol style="list-style-type: none"> <li>1. Move decimal 2 places to the right</li> <li>2. Add the % sign</li> </ol> <p>Example:  <math>0.75 &gt; 75\%</math></p>	<b>Decimal to Fraction</b>	<ol style="list-style-type: none"> <li>1. Write the decimal over 100 if it has an integer in the hundredths place; over 10 if only in the tenths</li> <li>2. Simplify</li> </ol> <p>Example:  <math>0.75 = \frac{75}{100} = \frac{3}{4}</math></p>

# Lesson One: Theoretical Probability

~ Complete 30 minutes of Freckle

~ Watch Videos & Take Notes

- 1). Intro to theoretical probability: <https://youtu.be/uzkc-qNVoOk>
- 2.) Simple probability: yellow marble: <https://youtu.be/yUal0JriZtY>
- 3.) Simple probability: non-blue marble: <https://youtu.be/mLE-SIOZToc>

~ Complete Practice Worksheet (on Teams):  
"Theoretical Probability Practice WS"

## To Watch a Video:

1. Hover over the link with your cursor.
2. Hold the Ctrl button and left click at the same time.
3. The video should open in your web-browser.

Remember you can e-mail questions or post them to the Discussion Board in Teams.

# Lesson Two: Experimental Probability

~ Complete 30 minutes of Freckle

~ Watch Videos & Take Notes

- 1.) Experimental probability: [https://youtu.be/RdehfQJ8i\\_0](https://youtu.be/RdehfQJ8i_0)
- 2.) Intuitive sense of probabilities: <https://youtu.be/KFgvOQtH0Z0>
- 3.) Theoretical and experimental probabilities: [https://youtu.be/tXlcE\\_K\\_C-Y](https://youtu.be/tXlcE_K_C-Y)
- 4.) Making predictions with probability: <https://youtu.be/8bK-xfh8-rY>

~ Complete Practice Worksheet (on Teams):  
"Experimental Probability Practice WS"

## To Watch a Video:

1. Hover over the link with your cursor.
2. Hold the Ctrl button and left click at the same time.
3. The video should open in your web-browser.

Remember you can e-mail questions or post them to the Discussion Board in Teams.

All assignments are due Friday, May 15<sup>th</sup> @5:00PM

~ Complete the Forms Quiz. This is an assignment on Teams titled: "Theoretical & Experimental Probability Quiz"

~ Complete the Exit Ticket. This is an assignment on Teams titled: "Exit Ticket Week of May 11"