

PRESENTING DATA – Tally Chart, Line Graph & Bar Graph

We are transitioning to the new UMathXI

The “U” in UMathX and UMathXI ... is ... “UNDERSTANDING”



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webinar/workshop

following UMathX Learning Resources are available as we transition to new UMathXI:

- [Support Sheets](#) (with Solutions)
- [Frameworks](#) for Learning (some with answers)
- [Interactive Videos](#) at www.umathx.com in 6,7
- [Previous versions of UMathX K to 10](#)(available to some)
 1. Click to download: [Understanding Numeration](#) ... gr K to 3
Serial Number: **3-B18652928-465**
 2. Click to download: [Understanding Math](#) ... gr 4 to 10
Serial Number: **5-B17611264-681**

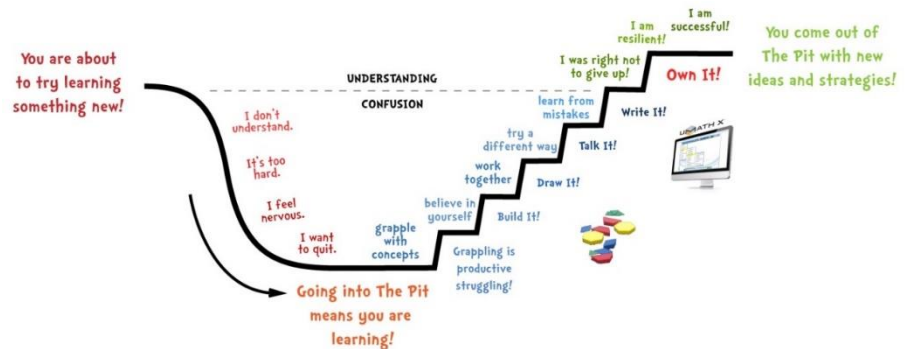
Notify us at info@umathx.com if you would like a webinar.

Setting up .. “The Learning Environment

1. **UMathX** What is it? Play video at .. www.umathX.com

The Learning Pit

A Model for a Growth Mindset



NOTE:
THE LINKS TO UMATHXI WILL NOT FUNCTION UNTIL WE HAVE TRANSITIONED TO UMATHXI



UMathXI

Access: URL...

Username...

Password...

Begin with .. [Click on Support Sheets](#) (with solutions)

Graphing Section 2 – Part A

If you have access to UMathX 2008

On Computer: select – **Understanding Graphing**
then select item 2 – **Statistics**
then work through that menu

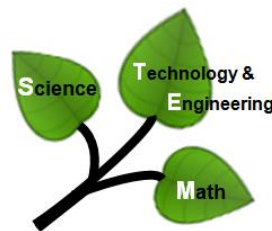
If you do or do not have access to UMathX 2008, do selected activities in ..[Graphing Part A](#)
[Graphing Part B](#)

Now proceed to .. [Click on the link Frameworks for Learning.](#)

Select .. **Bar Graphs.**

It is a STEM Activity

Print it or print the copy below.



Bar Graphs

Framework for Learning:

Leader' Name:

Instructor's Initials:

Co-Leader's Name:

Getting Started:

Log into UMathXI (if you have been given access)

If you do not yet have UMathXI, go ahead and complete this Bar Graph Framework.

From the **Content Menu**, follow the path below: **Graphing> Statistics> An Introduction**

Select and complete the Lessons: **Bar Graph 1**

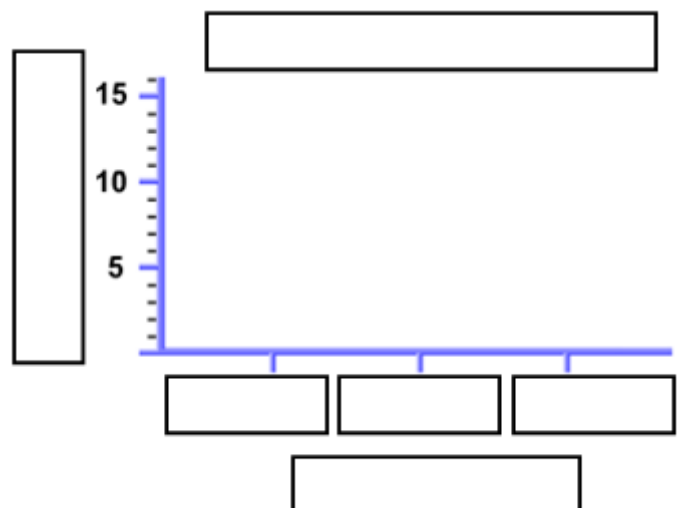
Bar Graph 2

In any case, complete the corresponding notes and [bar graphs](#) on the pages below.

Bar Graph 1

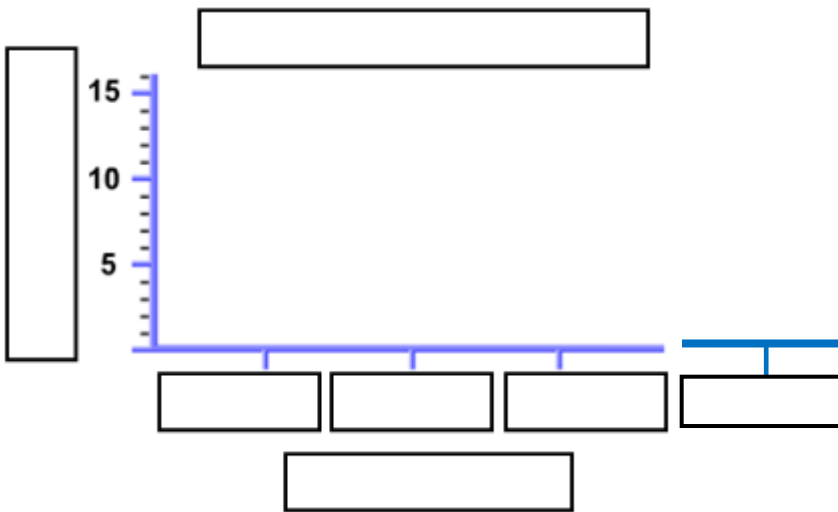


Favorite Sports	
Baseball	
Hockey	
Soccer	



- 1) How many students chose hockey? _____
- 2) How many more students chose soccer than baseball? _____
- 3) How many students were surveyed? _____

Bar Graph 2

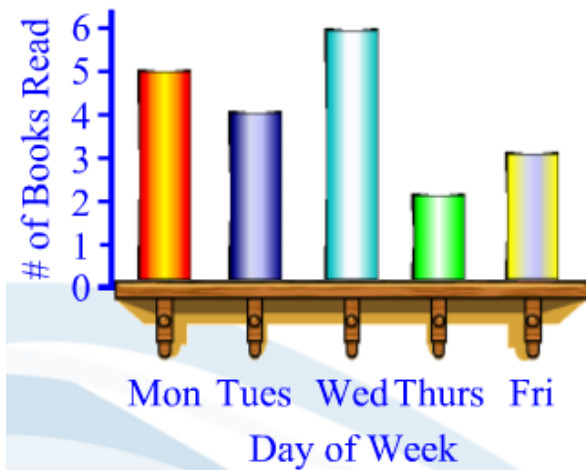


- 1) How many students chose summer?

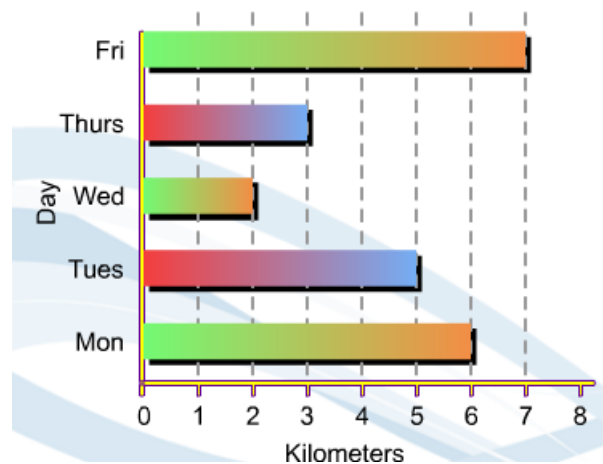
- 2) How many more students chose summer

Working In It: Answer the following using the data provided in the **bar graphs**.

Books Read in 1 Week



Distance Biked in 1 Week



1) How many more books were read on Wednesday than on Friday? _____

2) What is the total number of books read for the week? _____

1) How many more kilometers were biked on Friday than on Thursday? _____

2) What was the total number of kilometers biked

From the Content Menu, follow the path below:

Graphing> **Reading & Sketching Graphs**

Graphs With a Scale

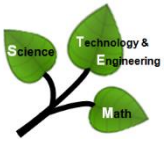
Select and complete the Lessons: **Example 2...Books and Days**

Example 3...The Travel Log

Compare your answers above with those in the lessons. **Correct** any mistakes.



Reflect & Connect:

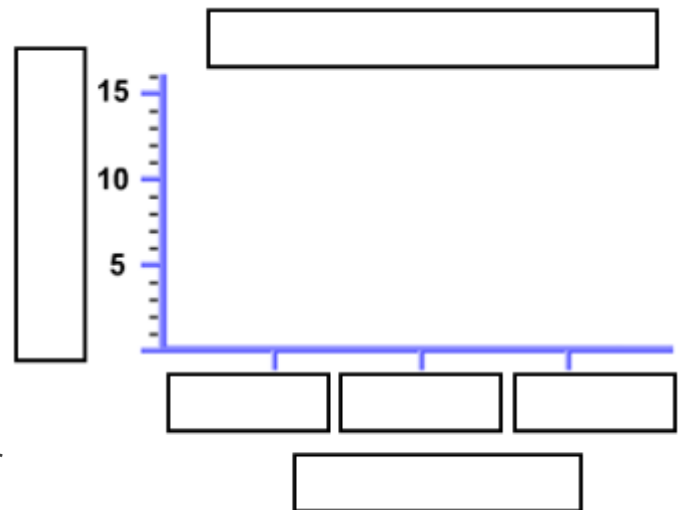


Survey the students in your class regarding their favorite ice cream flavor (**chocolate**, **vanilla** or **strawberry**).

Record the results in the **bar graph**.

Write 3 questions on a separate sheet of paper for your partner to answer using your **bar graph**.

Exchange papers with your partner. When finished answering each other's questions, **discuss and correct** any mistakes before turning in your work to you teacher.



On the next set of lessons, we will add more Data Lessons.