

WELCOME to this Session based on our Video:

TEACH, don't Tell! ... Hybrid Strategies from SURVIVE to THRIVE in 2021 Mathematics

Session Description:

This Virtual Session explores "TEACH don't TELL", using resources that capture the capabilities of **ONLINE LEARNING** to assist students in **UNDERSTANDING**.

Interactive resources will address the need for **multi-dimensional approaches** to help all children, individually or in small groups, at all levels to **understand**.

This session is helpful for both parents and teachers as they "weave" a partnership that will help both.

For Grades 3 to 8

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At the end of a section of **VIDEO**...

a **STOP** is noted to take the learner to the **corresponding ONLINE LESSON** or **3 PART LESSON** within **UMathX**. (www.umathx.com ... free access)

If needed, the following is a helpful Video Menu given at www.umathx.com ... **STEP 7**

It involves **10 examples** – each with **video** – then **online lesson** – then **3 part model lesson**, and then **2 humorous videos** at the end.

0:00 to 1:34	Introduction
1:34 to 3:13	Learning Pit Graphic ... then pause the video to THINK & TALK
3:13	Concept 1 Multiply a 2 Digit by 2 Digit Number ... then pause the video to THINK & TALK and DO STEP 2 ... from UMathX online and a 3 part lesson on paper.
5:31	Concept 2 Add 2 Digit Numbers... Concretely ... then pause the video to THINK, TALK and DO STEP 2 ... from UMathX online and a 3 part lesson on paper.
6:18	Concept 3 Subtract 3 Digit Numbers... Concretely ... then pause the video to THINK, TALK and DO UMathX online lesson and a 3 part lesson on paper.

- 6:57** **Concept 4**
Fraction Introduction – Pattern Blocks ... then pause the video to THINK, TALK and DO [UMathX online lesson](#) and a 3 part lesson on paper.
- 9:03** **Concept 5**
Multiply Fractions ... then pause the video to THINK, TALK and DO [UMathX online lesson](#) and 3 part lessons on paper.
- 10:08** **Concept 6**
Divide Fractions ... then pause the video to THINK, TALK and DO [UMathX online lesson](#) and 3 part lessons on paper.
- 11:37** **Concept 7**
Patterning - Trick Machine ...then pause the video to THINK, TALK and DO
Patterning - Cube-a-Links ...then pause the video to THINK, TALK and DO
[UMathX online lesson](#) and 3 part lessons on paper.
- 19:37** **Concept 8**
Area – A STEM Activity ... then pause the video to THINK, TALK and DO
[UMathX online lesson](#) and 3 part lessons on paper.
- 20:07** **Concept 9**
Add Numbers Vertically ... then pause the video to THINK, TALK and DO
[UMathX online lesson](#) and 3 part lessons on paper.
- 20:53** **Concept 10**
Discuss - TEACHING not TELLING ... then pause video to THINK & TALK.
- 21:34** **Concept 11**
MATH or MAGIC .. Ma & Pa ... then pause the video to THINK & TALK.
- 24:05** **Concept 12**
THE LEARNING PIT .. by James Nottingham ... then pause the video to THINK & TALK.
- 33:35** **Introduction to Coding Through Robotics and Logo with a Math Focus**
- 41:40** The End

**There are a minimum of 3 general Variations in using this Presentation:
Please note that ... All aspects of this Presentation are available to anyone at any time.**

To be of most benefit to as many teachers and parents as possible, there is flexibility in how the material in this session is used:

Possible Process #1 for individual teacher or parent or math grouping:

View the entire video (30 minutes) - **10 examples each with video – then online lesson – then 3 part model lesson. 2 humorous videos** at the end at 16:19 and 18:50.

This could be followed by a discussion or discussions over a number of weeks.

Possible Process #2 for individual teacher or parent or math grouping:

View and discuss the introduction...then **view the video of 1 or 2 examples**, each followed by the **online example** and a **3 part model lesson**.

This could be followed by discussion and then 2 humorous videos ... followed by discussion.

Possible Process #3 for individual teacher or parent or math grouping - on a 2 hour PD session.

View and discuss the introduction... then view **the video of 10 examples**, each followed by the corresponding **online example** and **3 part model lesson**.

This could be followed by discussion and then 2 humorous videos... followed by discussion.

*All **3 part model lessons** on 1 double sided page are within UMathX .. free online. The **3 parts of the lesson are: Get Started ... Working at It ... Reflect and Connect**.

We will now view the video to the FIRST STOP SIGN at 5:31.