



# Digital Interactive Notebooks

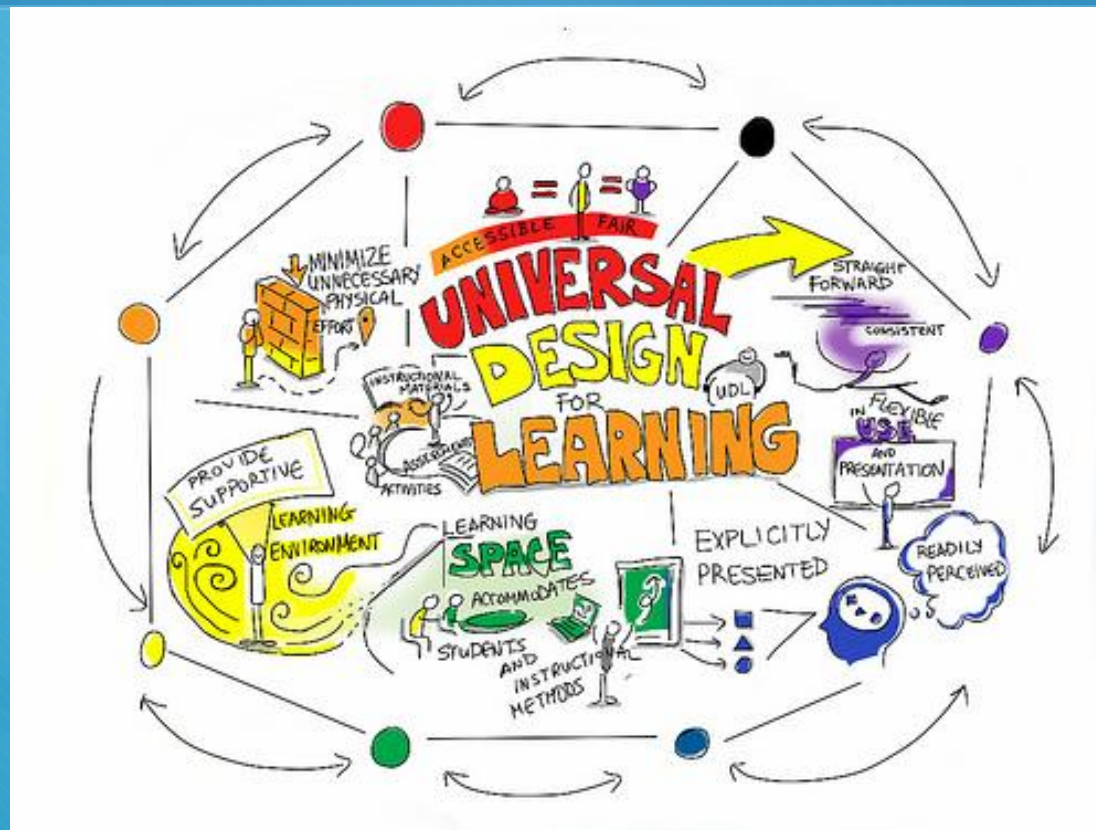
Multi-Dimensional Learning Experiences

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# Universal Design for Learning: Multiple Means of...



# Multiple Means of Engagement

**Visual**

**Audial**

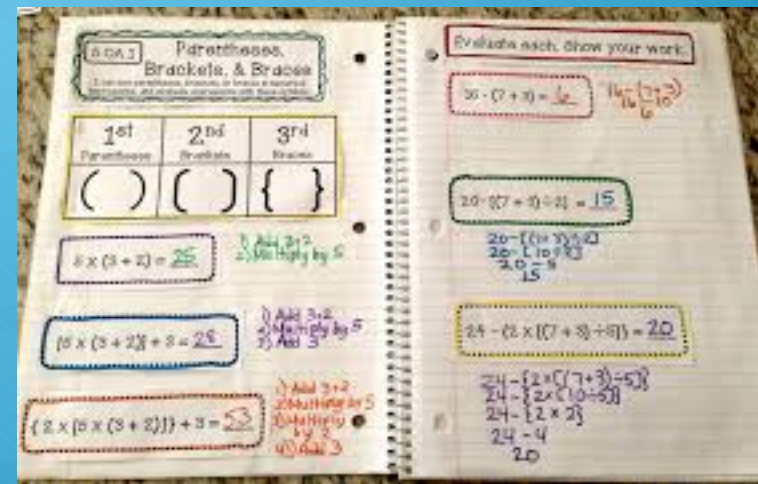
**Read-Write**

**Kinesthetic**



# ISN – Interactive Student Notebook

- Table of Contents
- Unit Plan
- Lesson Notes
- Foldables
- Digitally Interactive Materials



# QR Codes and Augmented Reality

- **Students can access video, audio, other information anywhere at any time.**
- **Offers a secondary source of information to enhance their initial learning.**

**AUG THAT!**



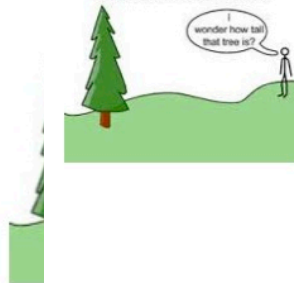
# Review, Reflect, Retain

<b>Definiti</b> Perf to is to de of th	$-3x + 7 = 28$	<b>cteristics</b> ne s
<b>Examp</b> $\begin{array}{r} x - 3 \\ + 3 \\ \hline x = \end{array}$		<b>examples</b> n

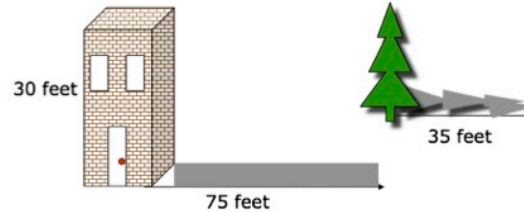
# Self- Assessment

## Formative Assessment

### Indirect Measurement



A 30-ft building casts a shadow that is 75 ft long. A nearby tree casts a shadow that is 35 ft long. How tall is the tree?



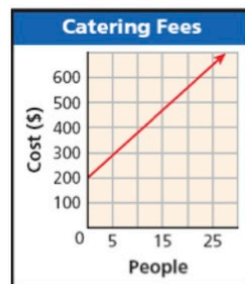
ft long.  
long.

	Building	Tree
Height	30 ft.	$t$ = tree height
Shadow	75 ft.	35 ft.

**The height of the tree is 14 feet.**

# Self- Assessment

## Formative Assessment



A caterer charges a \$200 fee plus \$18 per person served. The cost as a function of the number of guests is shown in the graph.

a. Identify the slope and y-intercept and describe their meanings.

$$\text{slope} = 18; \quad y - \text{int.} = 200$$

Slope is the per person fee; the intercept is the base fee.

b. Write an equation that represents the cost as a function of the number of guests.

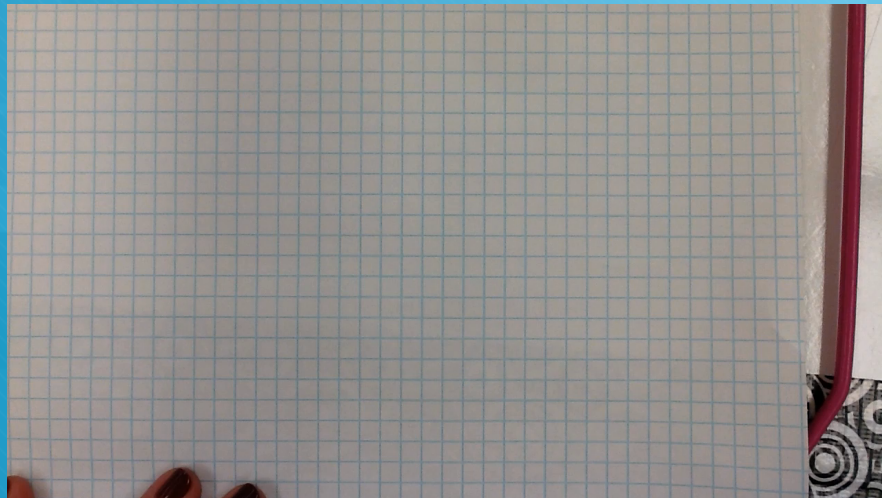
$$y = 18x + 200$$

c. Determine the cost of catering an event for 200 guests.

$$\begin{aligned} y &= 18x + 200 \\ y &= 18(200) + 200 \\ y &= 3600 + 200 \\ y &= 3800 \\ &\$3800 \end{aligned}$$



# Engage, Enhance, Enrich



Augmented Example:

$$y - 4 = \frac{3}{4}(x + 2)$$

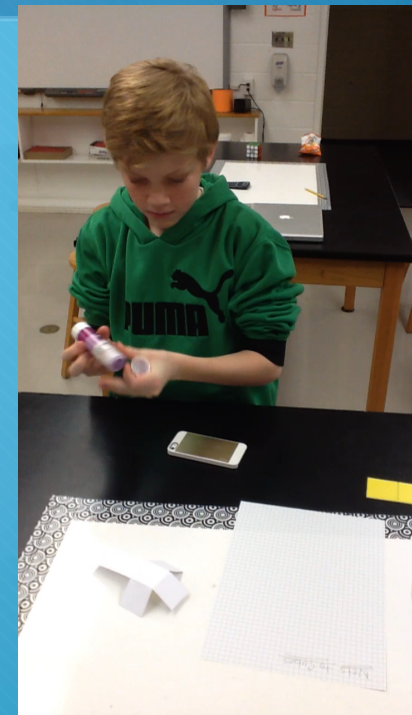
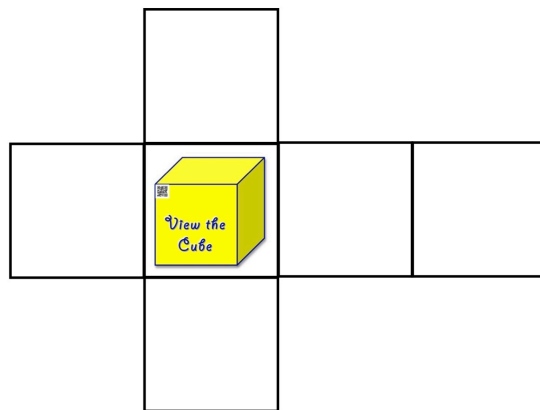
JRE

$y + 3 = 5(x - 2)$   
slope  $\frac{5}{1}$  point (2, 3)

Graph Equation

(2, 3) slope intercept  
find slope  $\rightarrow$   
 $m = \frac{y_2 - y_1}{x_2 - x_1}$   
 $\frac{y - 1}{+1} = \frac{2(x - 4)}{+1}$   
 $y = 2x - 7$   
slope  
slope =  $\frac{1}{3}$   
 $y - 1 = \frac{1}{3}(x - 4)$   
 $y - 1 = \frac{1}{3}x - \frac{4}{3}$   
 $y = \frac{1}{3}x - \frac{1}{3}$

# Engage, Enhance, Enrich



# Engaging Students in Self-Reflection





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