Gifted @ Home

Grade Four
May 19 - May 22, 2020

THINK	
	P ARENTHESES **E** XPONENTS **M** ULTIPLY **D** IVIDE **A** DD **S** UBTRACT *"What's the Order?"* **The Order of Operations, that is! Use the order of operations to solve the puzzles below. Insert parentheses and math symbols (+,-,X,%)** **Don't Peek! Answers are below in this document.** *https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:e39e0a28-1572-4b7e-a5cc-71b086a411d5*

PLAY	# Breakout EDU # FUN@HOME *"Breakout EDU Fun @ Home"* **Breakout EDU is an immersive learning games platform that consists of a combination of physical and digital puzzle elements that must be solved in a set amount of time. Virtual escape rooms for learning! Have fun!** *https://www.breakoutedu.com/funathome*
SOLVE	**nrich** *enriching mathematics* *Creating and Manipulating Expressions* https://nrich.maths.org/content/id/14155/CreatingExpressionsStage3Star1Sheet1.pdf **I haven't provided any "answers" for this question. Check your thinking with a parent, friend, or send me what you discover and I will provide you with feedback!**

CREATE

"Positive Pattern Poster"

For this challenge, you'll make an inspirational poster inspired by the Zentangle method of pattern drawing by creating unique designs around a symbol that you think the world needs to see right now. You'll need to be reflective while choosing you symbol by carefully considering what it represents and how it could impact others.

https://galileo-camps.com/galileo-anywhere/project-challenge/positive-pattern-poster/

WONDER	"How Instruments are Made?" https://wonderopolis.org/wonder/How-Are-Instruments-Made
Explore	"How Stuff Works?" Click on the link below to explore: https://www.youtube.com/user/HowStuffWorks

Answer Key: What's the Order?

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More than one answer may be possible

1. (6+4) X 2 - 8 = 12
2. 3 X (7+5) / 9 = 4
3. (16 - 4) / 3 + 13 = 17
4. [8 + (12/2)] / 7 X 4 = 8
5. (4 X 5 + 7) / (3 + 6) = 3
6. [13 X (4-1)] / (9-6) = 13
7. 11 X (8-2X4) + (36-4) /2 = 16
8. 12 X 5 / 6 x [4 + (2X3)] = 100