Name_____Sydney Sweat_____

Lesson Plan

Learning Segment Focus				The d	istribu	itive property	Lesson
	_1of	math					
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Course & topic addre	essed	Math Prop	erties of		
Operations	Date	1/29/20	Grade	6	

Student Outcomes

Specific learning objectives for	Students will be able to solve problems using the distributive property. This will allow them to
this lesson.	generate equivalent expressions.
Justify how learning tasks are	Students will use their prior knowledge on addition, variables, alike factors, and
appropriate using examples of	multiplication
students' prior academic	multiphouton.
learning.	
Justify how learning tasks are	Math is a universal language. No matter where a student is from, math can be done anywhere. As
appropriate using examples of	students have different backgrounds, math can still be used to communicate and welcome them into
students' personal, cultural,	a classroom.
linguistic, or community	
assets.	

State Academic Content Standards

List the state academic content standards with which this lesson is aligned. Include abbreviation, number &	AR.Math.Content.6.EE.A.3 Apply the properties of operations to generate equivalent expressions
text of the standard(s).	For example: Apply the distributive property to the expression 3(2 + x) to produce the equivalent expression 6 + 3x; apply the distributive property to the expression 24x + 18y to produce the equivalent expression 6(4x + 3y); apply properties of operations to y + y + y to produce the equivalent expression 3y. Note: Includes but not limited to the distributive property.

Key Vocabulary	
What vocabulary terms/content specific	Parenthesis, Addition, Distribute, Multiplication, Subtraction
terminology must be addressed for	
students to master the content?	

Academic Language Support

Treadenne Bungauge Support	
What are the Academic Language Function(s) (the content	
and language focus of the learning task represented by the	
active verbs within the learning objectives/outcomes) and	The academic language function that I will utilize is the solving
explain how they are utilized in the lesson plan?	problems one. This will be done through using words such as
What planned Academic Language Supports will you use to	"because" or "this lead to that". This language function helps justify
assist students in their understanding of key academic	the answer of something is that because of the process used for
language to express and develop their content learning and to	solving the problem. Students will use the vocabulary and its
provide varying supports for students at different levels of	definitions to understand the process that the distributive property
Academic Language development? How do these supports	goes through.
address all three Academic Language Demands	
(vocabulary, syntax, and discourse)?	

Materials

Materials needed by teacher for this lesson. (such as books,	Computers with inspiration 9
writing materials, computers, models, colored paper, etc.)	Paper
	Promethean Board
	markers
	White Board
Materials needed by students for this lesson. (computers,	Computers
journals, textbook, etc.)	Pencils
	Any paper the teacher provides

Lesson Timeline with Instructional Strategies & Learning Tasks

Amount of Time	Teaching & Learning Activities (This should be a BULLETED	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during
	LIST)	this part of the lesson. (This should be VERY DETAILED)
10	Introduction: - The students will get into groups of 3 - A paper with the outline will be given - They will define the vocab on the outline - They will then share their definitions	I will give each student a paper of the outline as they walk in the door. I will monitor groups to keep them on track. As students share their definitions I will write them on the white board under the word .
40	Instruction:-We will work 3 problems that fall under each category as a classWe will review why each problem is worked the way it is, and why the solution is what it isStudents will fill in their template on the computer-As we work on the distributive property, I will let them try a problem with a partner, then we will work on it together as a class.	I will be demonstrating, explaining, and assisting my students throughout this whole process. This will be done on the white board and smartboard also. I will be showing them my template as needed. I will be modeling how to do different problems and as students work on problems I will be observing and giving feedback. My goal for this lesson is for them to understand and be able to do the distributive property on their own when they work on problems given to them.
10	Closure: - Have students submit assignments and ask any last minute questions they may still be confused about	My job is to assist students in last minute questions and make sure everyone turned in their assignment.

Accommodations/Modifications

How might I modify instruction for:	
Remediation?	I will modify my lesson by allowing them to work with a partner, or more time to
Intervention?	work on problems. I will also have all instructions said verbally, have written
IEP/504?	notes and directions, and pictures or examples where necessary.
LEP/ESL?	
(All students who have plans mandated by	

federal and state law)	
rederar and state raw.)	

Differentiation

How might you provide a variety of	Providing visuals and examples to grow understanding will be one technique I		
techniques (enhanced scaffolding, explicit	use. These examples or visuals will provide clarity where before students didn't		
instruction, contextualized materials,	know where to start. I will also provide extra assistance where I know a problem		
highlighters/color coding, etc.) to ensure all	or equation was made to be extra challenging. This could be reading them the		
student needs are met?	problem and providing hints to get their brains flowing.		
(All students who are not on specific plans			
mandated by federal and state law.)			

Assessments: Formative and/or Summative

Describe the tools/procedures that will be used in this lesson to monitor students' learning of the lesson objective(s) (include	X Formative / Summative	I will observe the students as they are in groups. I will observe the ideas they are forming and who is leading the discussion.
type of assessment & what is assessed).	X Formative / Summative	I will take notes on who is successfully completing the problems with ease and who needs help. I will ask students questions based on what are they struggling with and how might this of been different so they better understand.
	□ Formative /X Summative	My summative assessment will come once they turn their papers in. If the student excel, I know that they understood the lesson and we do not need to spend more time on it. If there was a majority or struggle, I know I need to change and review that specific topic.

Research/Theory

Explain connections to theories and/or	Schema and Constructivism by Jean Piaget is the theory that supports my
research (as well as experts in the field or	approach. This lesson is really building on previous knowledge that the student
national organization positions) that support	knows. This will be done by activities and not just lecture.
the approach you chose and justify your	
choices using principles of the connected	
theories and/or research.	

Lesson Reflection/Evaluation

What went well?	TO BE FILLED IN AFTER TEACHING
What changes should be made?	
How will I use assessment data for next	
steps?	

Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

*adapted from: <u>http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1ZoJ:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us; <u>http://www.moreheadstate.edu/getmedia/cd3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx;</u></u>

https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf; https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx; https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx;

https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx

http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx;https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf;



We will explore what the distributive property is, and the parts of math that it involves. In the boxes below write what you know about Parenthesis, Multiplication, and Addition. Include when you have used them and what they are used for. Try the examples on your own and we will go over them in class. We will then go into how to use the distributive property and how you

