Content	Pre-ASE Math			Grade Level	Level 2 / GLE 5-6.9	Allison has provided information about
Area Topic	Unit: Pre Algebra Lesson: Exponents (L1)			Duration	a 2 hr	the content area, grade level, and so forth.
CCRSAEMathem6.EE.1SMP.78.EE.2SMP.8Objective: Students will be able toSWBAT evaluate numerical expressionswith whole number exponentsSWBAT express and evaluate exponents asrepeated multiplication			<i>mastery of</i> Student cr Teacher ol	n t: <i>Studen</i> <i>the objecti</i> eated equi	valent pairs s of card sort	 Notice that Allison is submitting a UNITa set of lesson plans that will focus, this case, on all aspects of Exponents. This is the first LP in a set of several LPs that compose the Unit. This class will focus on two math CCRASE standards: Write and evaluate numerical expressions involving whole-number exponents. (6.EE.1) Write, read, and evaluate expressions in which letters stand for numbers. (6.EE.2) And two Standards of Mathematical Practice: Look for and make use of structure. (SMP.7) Look for and express regularity in repeated reasoning SMP.8) And the Instructional Shift Rigor. Her chosen CCRSAE and Standard Mathematical Practices (SMPs) can be found in this resource: http://www.corestandards.org/Math/Practic e/
content master Materials authentic and meaningful materials related to the learning objectives	 rieval practice to reinforce Exit ticket reflect Do Now Spiral Review, Answer Key, Review Logs (Teacher Created) Card Sort Exponent Card Sort, Worksheet, Scissors (Teacher Created) Differentiated Practice Graphic Notes (Math Giraffe / Teachers Pay Teachers), Exponents Chart (EMPower. Seeking Patterns), Using Exponents (Number Power, Pre-Algebra), Exponents (Contemporary's GED Mathematics), Scientific Notation (Number Power, Algebra), HiSET Practice Problems Closing/Home Study Exit Ticket (Teacher Created) Khan Academy Article "Intro to Exponents" (Intro to Exponents" (Intro to Exponents) 			iew Chac iew ac to to to to to to to to to to to to to	assroom supports and commodations available all students: olunteer classroom tutor alculators rinted multiplication arts raph paper, rulers, ghlighters ollaborative/peer learning implified or review aterials during practice ssions hallenging or extension aterials during practice ssions elf-paced work hort breaks	

	1.A. Do Now: Spiral Review, Individualized Review, Video (45 minutes)	The SABES Mathematics PD Center
Instruction	Students will complete cumulative review and correct with answer sheet.	provides the Math CCRSAE as well, with
moti uction	Students will add review scores and reflective comment to their cumulative	their comments, and other resources at
	review log, and will consult with teacher or volunteer classroom assistant	https://www.sabes.org/pd-center/math-and-
	to identify appropriate materials to address individual learning needs.	numeracy
	1.B. Direct Instruction (15 minutes)	
How will I go	Teacher will explain exponent vocabulary and notation. Teacher and	The teacher has created Learning
about	students will write whole number exponents in expanded form and	Objectives (LOs) to express what
teaching this	calculate their value using an <i>I do/we do/you do</i> format	students will be able to know or do as a
lesson?		result of the lesson. [Standard c(5)]
1055011.	1.C. Card Sort (20 - 35 minutes)	
What	Students will work in pairs and small groups to match equivalent cards	For each LO, she has devised an
	from a teacher-created deck featuring exponent and expanded form,	assessment to make certain that students
	English and final values. When complete, each student will create two pairs	have mastered the new knowledge and
	of equivalent cards with the values and format of their choice. Student cards	skills covered in the class.
	will be checked, corrected as needed, shuffled and displayed using doc cam,	
	and peers will identify equivalent pairs.	
	1.D. Differentiated Practice (20 - 35 minutes)	*
0		
	appropriate level of challenge for further practice.	
		5 <u>5</u> . O
		what could be improved for the future.
-		
U	homework progress or challenges.	
objectives?		-
	modifications, if any, will make the lesson more effective?	
Deflection		Please note also the highlighted
Reflection		
instructional methods and engaging activities will lead students to mastery of the learning objectives? Home Study What activity will reinforce the learning objectives? Reflection	English and final values. When complete, each student will create two pairs of equivalent cards with the values and format of their choice. Student cards will be checked, corrected as needed, shuffled and displayed using doc cam, and peers will identify equivalent pairs.	