Ouachita River School District
UNIT PLAN (1)

Teacher: _Michael Barr___ Subject: _____Math____ Grade Level: ___7__ Date: _____ Appx Length (Days): _____10_____

<table>
<tr><td>UNIT TITLE:

Algebraic Reasoning</td><td rowspan="2">Student Learning Objectives: What Will the Student Know and Be Able to Do Successfully by the End of This Unit?

The Student Will – use the order of operations to simplify numerical expressions.

The Student Will –identify properties of rational numbers and use them to simplify numerical expressions.

The Student Will – evaluate algebraic expressions.

The Student Will- translate words into numbers, variables, and operations.

The Student will - simplify algebraic expressions.</td></tr>
<tr><td>AR Academic Mathematics Standards: Include Essential Learnings!

AR.Math.Content NO.2.6.4

AR.Math.Content M.13.6.5

AR.Math.Content A.5.7.3</td></tr>
<tr><td>Necessary Prerequisite Skills: What will the Student Need to Know at the Beginning of This Unit?

Find Place Value
Use Repeated Multiplication
Division Facts
Whole Numbers Operations</td><td>Interventions: What are My Plans for Intervening when Students are not Successful on Daily or Interim Assessments?

Moby Max
Ascend Math</td></tr>
<tr><td>Essential Questions/ Big Ideas: Enduring Understanding, Relevance to Students, Overarching Objectives</td><td>Math Practice Standards
standard 1: make sense of problems & persevere in solving them
standard 2: reason abstractly & quantitatively
standard 3: construct viable arguments & critique the reasoning of others</td></tr>
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<td>1.The word numerical means “of numbers.” How might a numerical expression differ from an expression such as “the sum of two and five”?

2. When something is variable, it has the ability to change. In mathematics, a variable is an algebraic symbol. What special property do you think this symbol has?</td>
<td>standard 4: model with mathematics
standard 5: use appropriate tools strategically
standard 6: attend to precision
standard 7: look for & make use of structure
standard 8: look for & express regularity in repeated reasoning</td>
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<tr>
<td rowspan="2">Learning Activities: What Will the Teacher DO to Accomplish the Student Learning Objectives?

Demonstrate Proper Technique
Model Example Problems
Use Real-World Problems</td>
<td>V
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Y</td>
<td>Algebraic Expression
Associative Property
Commutative Property
Distributive Property
Numerical Expression
Order of Operations
Term
Variable</td>
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<tr>
<td colspan="2">Resources/Technology: List of Websites, Read Aloud Books, Games & etc.

I Have Who Has?- Whole Class Card Game</td>
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Assessments Type: ***How Will I Know the Student Has Been Successful?***		
Daily/Exit Ticket	**Interim:**	**Formative:**