

# HAZLETON AREA SCHOOL DISTRICT



## DISTRICT UNIT/LESSON PLAN

Teacher Name : Debbie Zola

Subject : Math

Start Date(s):

Grade Level (s): 3

Building : Maple Manor

## Unit Plan

**Unit Title:** Students will use multiplication concepts using arrays, equal groups, repeated addition and combinations to solve problems.

**Essential Questions:** What is multiplication? How are multiplication and division connected?

**Standards:** PA Core Standards, PA Academic Standards/Anchors

Math 03.B-O 1.1.1 Interpret and describe products of whole numbers

03 B-O1.2.1 Use multiplication and division to solve word problems

03B-O3.1.5 Identify and use arithmetic patterns ( Using an addition or multiplication table)

03A-T1.1.3 Multiply one digit numbers by two digit numbers

03B-O1.2.1 Use multiplication and ?or division to solve word problems

**Summative Unit Assessment :**

Summative Assessment Objective	Assessment Method (check one)
Students will use Multiplication Concepts(arrays, equal groups, repeated addition and combinations) for problem solving.	<input type="checkbox"/> Rubric <input type="checkbox"/> Checklist <input type="checkbox"/> Unit Test <input type="checkbox"/> Group <input type="checkbox"/> Student Self-Assessment <input checked="" type="checkbox"/> Other (explain) Computers I READY

## DAILY PLAN

Day	Objective (s)	DOK LEVEL	Activities / Teaching Strategies	Grouping	Materials / Resources	Assessment of Objective (s)
1	<p>Students will- use models to explore the meaning of multiplication.</p> <p>Students will use repeated addition to solve multiplication.</p> <p>Students will use pictures and grouping to solve multiplication problems.</p>	1	<p>Direct Instruction and Modeling.</p> <p>Partner learning</p> <p>Using counting cubes to group items for multiplication.</p> <p>I ready Individual Lessons</p>	<p>Whole</p> <p>Small group</p> <p>Independent</p>	<p>Crayons</p> <p>Markers</p> <p>Worksheets</p> <p>Dry Erase Boards</p> <p>Computers-I ready</p>	<p>Formative- Check my Progress</p> <p>Group Activities</p> <p>Thumbs up/Down</p> <p>Summative- Chapter Test, Quiz</p> <p>Am I ready worksheets</p> <p>I-ready Lesson Test</p> <p>PSSA Coach Book</p> <p>SAS Test</p> <p>Student Self - Assessment- Whole and Small group</p>
2	<p>Students will- use models to explore multiplication</p> <p>Students will use repeated addition to solve multiplication</p> <p>Students will create pictures and diagrams to solve multiplication problems.</p>	1 2	<p>Strategies:</p> <p>Direct Instruction</p> <p>Lecture</p> <p>Drill</p> <p>Model and Demonstrate</p> <p>Partner and small group</p> <p>I ready individual lesson</p> <p>Activities</p> <p>Hands on Pictures</p> <p>Voc</p> <p>Common Core Check</p> <p>SAS Practice</p> <p>Coach Book</p>	<p>Whole</p> <p>Group</p> <p>Small Group</p> <p>Independent</p>	<p>Computers</p> <p>I ready</p> <p>Lecture</p> <p>Activities</p> <p>Flash Cards</p> <p>Model and Demonstrate</p> <p>Partners</p> <p>Small Groups</p>	<p>Formative- Thumbs Up/Down</p> <p>Check my progress</p> <p>Am I ready</p> <p>Summative- I ready</p> <p>PSSA Coach book</p> <p>Student Self - Assessment- I ready Test</p> <p>Whole and Small group</p> <p>Rotations</p>
3	<p>Students will-use models to explore the meaning of multiplication</p>	1 2	<p>Strategies: Direct Instruction</p> <p>Lecture</p> <p>Flash Card Drills</p> <p>Practice worksheets</p> <p>PSSA Coach Book</p> <p>Activities</p> <p>Math Kit multiplication</p> <p>Multiplication Bingo</p> <p>Voc.</p>	<p>Whole</p> <p>Group</p> <p>Small Group</p> <p>Independent</p>	<p>Computers</p> <p>I ready</p> <p>Partner Share</p> <p>Dry Erase Board</p> <p>Practice Notebook</p>	<p>Formative- Thumbs up/Down</p> <p>Check my progress</p> <p>Am I ready</p> <p>Summative- Coach Book</p> <p>I ready</p> <p>SAS Test</p> <p>Student Self - Assessment- I ready</p>
4	<p>Students will- solve multiplication problems and</p>	1 2	<p>Direct Instruction</p> <p>Station Rotation</p> <p>Collaborative Grouping</p>	<p>Whole</p> <p>Group</p> <p>Small Group</p>	<p>Computers</p> <p>I ready</p> <p>Practice Worksheets</p>	<p>Formative-Thumbs Up/Down</p> <p>Check my Progress</p> <p>Am I ready</p>

	relate repeated addition to multiplication.			Independent	Dry Erase Board	Summative- Coach Book SAS Test I ready Unit Tests  Student Self - Assessment-
5	Students will- use models to explore multiplication and division	1 2	Lecture Demonstrate and Model Activities Direct Instruction Independent-I ready lessons Collaborative Grouping	Whole Small group Independent	Dry erase boards, Computers, Math Notebook and Journal Flash Cards Notebooks Coach Books SAS practice Practice Worksheets Math Games	Formative-Thumbs up/down Check my progress Am I ready  Summative- I ready Unit Tests SAS Test Coach Book  Student Self - Assessment- I ready
6	Students will use models to explore multiplication and division	1 2	Lecture I ready Lessons Model and demonstrate Collaborative Grouping	Whole Small Group Independent	Computers Coach Books SAS Pages Flash Cards Math Games Math Journals	Formative- Summative-  Student Self - Assessment-