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| **Unit Plan** |
| **Unit Title :Multiplication Chapter 4**  **Essential Questions What does multiplication mean?**  **Standards:** 2.2.3.A.1 Represent and solve problems involving multiplication and division.  2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.  2.2.3.A.3 Demonstrate multiplication and division fluency.  2.1.3.B.1 Apply place value understanding and properties of operations to perform multi-digit arithmetic.  2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.  **Summative Unit Assessment : Chapter test**   |  |  | | --- | --- | | **Summative Assessment Objective** | **Assessment Method (check one)** | | Students Will- demonstrate their understanding of the meaning of multiplication and express it by using a model, repeated addition, and or an array | \_\_\_\_ Rubric \_\_\_ Checklist \_\_X\_\_ Unit Test \_\_\_\_ Group \_\_\_\_ Student Self-Assessment  \_\_\_\_ Other (explain) | |

**Teacher Name : Sarah Rosato Subject : Math Proposed Dates: December Grade Level (s) 3**

**Building : Heights Terrace Morning Work: counting and subtracting money Times Tables : 0 and 1’s**

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| **DAILY PLAN** | | | | | | |
| **Day** | **Objective (s)** | **DOK LEVEL** | **Activities / Teaching Strategies** | **Grouping** | **Materials / Resources** | **Assessment of Objective (s)** |
| 1 | Students will-Explore the meaning of multiplication | 2 | Read “Amanda Bean’s Amazing Dream”  By Cindy Neushwander  Group problem solving  Which has more? | W  S | Literature book  Computer/projector | Formative-student’s predictions and responses. Group conversations  Summative-  Student Self - Assessment- |
| 2 | Students will- same as above | 4 | WRITE – Write and solve your own Which has more? Problem.  Learn Zillian Video Lessons 3.OA.A.1  Guided/Independent practice | I  W | Computer/projector  Wkbk pg 193-196 | Formative-project, independent work  Summative-  Student Self - Assessment- |
| 3 | Students will-relate multiplication and addition. | 1 | (refer to story)  Learn Zillian video lesson 3.OA.A.1  Model the math  Guided/Independent practice | W  I | Wkbk pg 199-202 | Formative-student responses  Summative-  Student Self - Assessment- |
| 4 | Students will-use arrays to explore and model multiplication | 1 | (refer to bakery in the story)  LearnZillian video lesson 3.OA.A.1  Triumph learning Unit 2 lesson 7  Array challenge | W | Computer/projector  Triumph learning lesson | Formative-  Class participation  Summative-  Student Self - Assessment- |
| 5 | Students will- same as above | 2 | Array task cards  Arrays with M & M’s  Guided and Independent practice | S  W | Task cards  M &M sheet per group  Wkbk pg 204-208 | Formative-student responses  Summative- group work  Student Self - Assessment- |
| 6 | Students will-use the make a table strategy to solve problems | 1 | Guided and Independent practice | W | Wkbk pg 291-222 | Formative-  Summative- independent practice  Student Self - Assessment- |
| 7 | Students will-same as above | 4 | Pizza Place | I | Paper for making a table  Computer/projector | Formative-  Summative- creation of table  Student Self - Assessment- |
| 8 | Students will- prepare for assessment | 2 | 4 corners task organizer graph | I | White construction paper | Formative-  Summative- graphic organizer  Student Self - Assessment- |
| 9 | Students will- demonstrate their understanding of multiplication | 1 | Chapter Test 4A | I | test | Formative-  Summative- unit assessment  Student Self - Assessment- |
| 10 | Students will- |  |  |  |  | Formative-  Summative-  Student Self - Assessment- |
| 11 | Students will- |  |  |  |  | Formative-  Summative-  Student Self - Assessment- |
| 12 | Students will- |  |  |  |  | Formative-  Summative-  Student Self - Assessment- |