**Proposed framework for elementary school**: District-wide focus, lessons and activities. (Schools can add more at their respective levels)

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| **Lessons/Activities:**  **One Lesson/Activity per week in each area** | **Literacy (Reading/Writing)**  Topic(s)  Organized by: K-1, 2-3, 4-5  **Note:** Topics and activities can be the same, reading material changes. | **Math**  Topic(s)  Organized by: K-1, 2-3, 4-5 | **Character, Career and Life Skills**  Topic(s)  All Grades |
| Week #1: 3/30 |  | Topic: Multiplying multi-digit numbers using the standard algorithm.  CCSS.MATH.CONTENT.5.NBT.B.5  Fluently multiply multi-digit whole numbers using the standard algorithm. |  |
| Week #2: 4/6 |  | Topic: Multiplying multi-digit numbers using the standard algorithm.  CCSS.MATH.CONTENT.5.NBT.B.5  Fluently multiply multi-digit whole numbers using the standard algorithm. |  |

**Math**

**School: AsTumbo Elementary, 5th grade**

**Submitted by: J. Limes, P. Cruz, F. Tibudan, J. Benavente**

**Three-part Lesson/Activities Packet**

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| Part 1: Parent/Student Information and Instructions for lesson | Part 2: Content- explanation of content, reading material, videos, powerpoint slides, handouts. | Part 3: Engaging activities, practice activities, applications and extension activities. Handouts, graphic organizers, worksheets, projects. |
| Subject: Week #1-2 | **Videos/handout review:**  Math Antics - Multi-Digit Multiplication Pt 1  <https://www.youtube.com/watch?v=FJ5qLWP3Fqo>  Math Antics - Multi-Digit Multiplication Pt 2  <https://www.youtube.com/watch?v=RVYwunbpMHA>  Two digit multiplication video:  <https://www.youtube.com/watch?v=m1Eqd7s6s-8>  Handout review on multiplication steps:  <https://www.mathworksheetsland.com/topics/multiplication/review/lesson1.pdf>  **Worksheets/handouts for student practice:**  NOTE: It is important for students to show the process (show their work) of using the standard algorithm for multiplication, in order to show mastery or identify where the student is struggling.  4 digit by 1 digit (answer key included for PARENT’S reference)  <https://www.superteacherworksheets.com/multiplication/4_digit_by_1_multiplication_MNBVC.pdf?up=1466611200>  4 digit by 1 digit (answer key included for PARENT’S reference)  <https://www.superteacherworksheets.com/multiplication/horizontal-multiplication-4-digit-by-1-digit_ZASXC.pdf?up=1466611200>  4 digit by 1 digit (answer key included for PARENT’S reference)  [https://www.homeschoolmath.net/worksheets/table.php?type=\*&long=0&col=2&row=10&min1=2&max1=9&step1=1&list1=&min2=20&max2=100&step2=1&list2=95%2C+96%2C+97%2C+98%2C+99%2C+101%2C+102%2C+103%2C+104%2C+105&min3=0&max3=8100&step3=1&list3=&M=2&D=2&extraspace=1&exd=1&font=sans-serif&FontSize=14pt&pad=12&ptitle=&Submit=Submit&PDF\_worksheet=1](https://www.homeschoolmath.net/worksheets/table.php?type=*&long=0&col=2&row=10&min1=2&max1=9&step1=1&list1=&min2=20&max2=100&step2=1&list2=95%2C+96%2C+97%2C+98%2C+99%2C+101%2C+102%2C+103%2C+104%2C+105&min3=0&max3=8100&step3=1&list3=&M=2&D=2&extraspace=1&exd=1&font=sans-serif&FontSize=14pt&pad=12&ptitle=&Submit=Submit&PDF_worksheet=1)  2 digit by 2 digit (answer key included for PARENT’S reference)  <https://www.math-drills.com/multiplication2/multiplication_long_no_tseparator_0202_001.pdf?v=1472647486>  2 digit by 2 digit (answer key included for PARENT’S reference)  <https://www.math-drills.com/multiplication2/multiplication_long_no_tseparator_0202_004.pdf?v=1472647496>  Multiplication word problems packet (answer key included for PARENT’S reference)  <https://math-salamanders.s3-us-west-1.amazonaws.com/Math-Problems/Multiplication-Problems/5th-Grade-Multiplication-Problems/multiplication-problems-5-1.pdf> | Create flashcards to work on multiplication fluency, daily.  Use dice/playing cards to practice fluency  *Note: Games are additional practice for students who have mastered the skill.*  Multiply it! Game:  <https://s3-us-west-1.amazonaws.com/math-salamanders/Games/Multiplication-Math-Games/multiply-it-easier.pdf>  Additional online games for practice:  <https://www.math-salamanders.com/multiplication-math-games.html>  Online and print resources for student practice:  <https://hcpss.instructure.com/courses/108/pages/5-dot-nbt-dot-5-about-the-math-learning-targets-and-rigor> |
| **Introduction to lesson**:  Students will multiply multi-digit numbers using the standard algorithm. |
| **Why is this knowledge or skill important for me to learn?**  Multiplication is a foundational skill that will lead to higher math skills. |
| **What activities will I be doing to learn or practice this knowledge or skills?**   1. Watch video links to review the standard algorithm for multiplication. 2. Use handouts to practice standard algorithm for multiplication. 3. Practice fluency of multiplication facts. 4. Use standard algorithm to solve multi-digit multiplication that involve word problems. |
| **What is included in this lesson packet?**  Video links for reviewing multiplication using the standard algorithm, worksheets/handouts to practice skill, and links to games/activities. |

Website (Simple, but catchy) : 1st page has Grade Levels, 2nd page the three subject area, 3rd page a folder for each week with lesson packets…