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| Essential Indicators |
| **Ms. Frews’ Lesson Plans for the WAVE cycle of:**  **October 16th –October 25th**  **Math**  **Common Core/Essential Standards Goals:**  **4.OA.1**: Interpret a multiplication equation as a comparison. Represent verbal statements of multiplicative comparisons as multiplication equations.  **4.OA.2**: Multiply or divide to solve word problems involving multiplicative comparison. 1 st qtr. focus: use multiplication to solve multiplicative comparison problems.  **4.OA.3**: Solve multi-step word problems with whole numbers, including problems in which remainders must be interpreted. Represent using equations with a letter for the unknown. 1 st qtr. Focus: solve multi-step problems using addition, subtraction, and multiplication.  **4.NBT.5:** Multiply a whole number of up to four digits by a one-digit whole number, and multiply 2 two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.  **I Can Statements:**  -I can fluently multiply whole number  -I can use multiplicative comparisons to solve word problems  **Science**  **Common Core/Essential Standards Goals:**  **4.E.2** Understand the use of fossils and changes in the surface of the earth as evidence of the history of Earth and its changing life forms.  **4.E.1.1** Explain the cause of day and night based on the rotation of Earth on its axis.  **4.E.1.2** Explain the monthly changes in the appearance of the moon, based on the moon’s orbit around the Earth.  **4.E.1** Explain the causes of day and night and phases of the moon.  **4.E.1.1** Explain the cause of day and night based on the rotation of Earth on its axis.  **4.E.1.2** Explain the monthly changes in the appearance of the moon, based on the moon’s orbit around the Earth.  **4.E.2** Understand the use of fossils and changes in the surface of the earth as evidence of the history of Earth and its changing life forms.  **4.E.2.3** Give examples of how the surface of the earth changes due to slow processes, such as erosion and weathering, and rapid processes such as landslides, volcanic eruptions, and earthquakes.  **Learning Targets:**  - I can describe the rotation and revolution of the moon.  - I can use models to show the different phases of the moon over a month's time.  -I can observe and chart the progress of the moon through its phases.  - I can describe how the Earth rotates on its axis every 24 hours  - I can describe how the Earth revolves around the sun in 365 days  **Social Studies**  **Common Core/Essential Standards Goals:**  4.H.2 Understand how notable structures, symbols and place names are significant to North Carolina. (YL)  4.H.2.1 Explain why important buildings, statues, monuments and place names are associated with the state’s history. (YL) •  4.H.2.2 Explain historical significance of NC’s state symbols. (YL)  **Learning Targets:**  -I can identify where North Carolina is on the map  -I can identify major NC symbols.  - I can identify NC 3 regions and describe their landforms  **ELA**  **Common Core/Essential Standards Goals:**  \*RL.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.  \*RL.4.3 Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text (e.g., a character’s thoughts, words, or actions).  **\*W.4.3** Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.   1. events.   -Also review reading strategies such as; sequencing, text connections, visualizing etc.  **Learning Targets:**  -I can explain a story by referring to details and examples in the text.  -I can use specific details in fiction text to help me describe a character, setting or event in the story.  **Key Vocabulary:** Place value, value, digit, number line, Base 10 system, round, less than, greater than, equal to, sum, difference, setting, plot, problem, solution, moral, character, visualizing, inference, connections, sequence, multiplicative comparison, product. |

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|  | Lesson | Homework |
| **A**  **10/17**  **Tues** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **ELA Inclusion (8:45-9:45):** Center Rotation #1  **ELA Cont (9:45--10:25):** EQ” What is Pont of View?”   * Point of view mini lesson * Anchor chart   **Cross Curricular** **Block** **(10:25-11:00):** Begin lesson on 3 regions using PROVE.  **Snack (11:00-11:15)**  **Reinforcement Block (11:15-12:00):** Go over morning work. Story Elements activity using same read aloud for POV. Personal Narr.    **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **Math (12:45-2:30):** Begin multiplicative and additive comparisons.Complete interactive notebook pages.  **Recess (2:30-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework |
| **B**  **10/18**  **Wed** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **ELA Inclusion (8:45-9:45):** Center Rotation #2  **ELA Cont (9:45--10:45):** Read chapter 7 in Tales of a 4th Grade Nothing. Work on interactive notebook pages. Answer questions in notebook for chapters 6-7.  **Snack (10:45-11:00)** Go over Morning Work  **Cross Curricular (11:00-12:00):** Continue 3 regions using PROVE    **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **Math (12:45-2:30):** Continue multiplicative and additive comparisons.Complete interactive notebook pages.  **Recess (2:30-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework |
| **No Day**  **10/19**  **Thur** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **Monthly Morning Meeting (8:30-9:30):** Head down to multi-purpose room  **Clubs (9:30-10:30):** Kids will go to their selected club (Science club, Technology club, Cooking club, Arts and Crafts Clubs)  **Reinforcement Block (10:30-11:00):** Go over Morning work/ Snack/ Missing work/ Free lap top time if all caught up  **Lunch (11:05-11:35):**  **Break (11:35-11:45)**  **Recess (11:45-12:15)**  **Dismissal (3:15)** | ELA and Math nightly homework |
| **C**  **Fri**  **10/20** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **ELA Inclusion (8:45-9:45):** Center Rotation #3  **Reinforcement Block (9:45-11:00)** Do a read aloud. Have students identify the following; POV, text connections, author’s purpose, story elements etc.  **Snack (10:45-11:00)** Go over Morning Work  **Math (11:00-12:00):** Continue multiplicative and additive comparisons.Complete interactive notebook pages. Move to multiplication of 2 digits by 1 and 2 digits by 2 using standard algorithm.  **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **WAVE Starts:**  **Art (12:58-1:43)**  **Music (1:46-2:31)**  **P.E (2:34-3:15)**  **Dismissal (3:15)**  **Recess (2:30-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework DUE TODAY |
| **D**  **10/23**  **Mon** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **ELA Inclusion (8:45-9:45):** Center Rotation #4  **ELA Cont (9:45-10:45):** Tales of a 4th grade Noting Test chapter 5-7. Go over. Personal Narr.  **Snack (10:45-11:00):** Go over morning work  **Cross Curricular (11:00-12:00):** Continue with moon phases  **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **Math (12:45-2:30):** Multiplication  **Recess (2:30-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework |
| **E**  **10/24**  **Tues** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **ELA Inclusion (8:45-9:45):** Center Rotation #5  **ELA Cont (9:45-11:00):** Chapter 8 of Tales of a 4th Grade Nothing. Do interactive notebook and chapter questions.  **Snack (11:00-11:15)** go over morning work  **Cross Curricular** **(11:15-12:00):** Continue with moon  **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **Math (12:45-2:30):** Multiplication  **Recess (2:30-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework |
| **F**  **10/25**  **Wed** | **Morning Work (8:00-8:45):** Weekly Math and ELA boxes  **Begin WAVE (9:44)**  **Spanish**  **Cultural Awareness**  **Media**  **Lunch (12:05-12:35)**  **Break (12:35-12:45)**  **ELA Inclusion (12:45-1:30):** Center Rotation #6  **Math (1:30-2:45):** Multiplication  **Recess (2:45-3:00)**  **Dismissal (3:15)** | ELA and Math nightly homework |

**Roller-coaster**