**STEP 1: IDENTIFY PRIORITY SKILL AND CHART DATA**

**Grade Level: 1st GradeData Team Cycle #4 (1/4-1/20)**

**PLC Question 1: What do we want students to be able to do/understand?**

**Priority Standard/Skill: *Time to Hour and ½ Hour***

**1.7E - The student is expected to tell time to the hour and half hour using analog and digital clocks.**

**Learning Targets:**

* **Time to hour on analog clock**
* **Time to hour on digital clock**
* **Time to ½ hour on analog clock**
* **Time to ½ hour on digital clock**

|  |  |  |  |
| --- | --- | --- | --- |
| **PRE-ASSESSMENT DATA**  [**(Pre-Assessment Time to Hour)**](https://drive.google.com/file/d/1eddbKQP-QVvp6lC6-ILRNMsdNVnzGTjq/view) | **# of students** | **% of students below proficient**  (*U+ PP)/total # assessed = %)* | **% of students proficient and above**  (*P+ A)/total # assessed = %)* |
| **Teacher 1** | **17** | **88%** | **12%** |
| **Teacher 2** | **10** | **90%** | **10%** |
| **Teacher 3** | **13** | **77%** | **23%** |
| **Teacher 4** | **18** | **94%** | **6%** |
| **Teacher 5** | **15\*** | **80%** | **20%** |
| **Total for grade level** | **81** | **86%** | **14%** |

|  |  |  |  |
| --- | --- | --- | --- |
| **QUICK CHECK DATA #1**  **Friday, Jan. 6th**  [**(Time to Hour)**](https://drive.google.com/file/d/1eddbKQP-QVvp6lC6-ILRNMsdNVnzGTjq/view) | **# of students** | **% of students below proficient**  (*U+ PP)/total # assessed \* 100 = %)* | **% of students proficient and above**  (*P+ A)/total # assessed \* 100 = %)* |
| **Teacher 1** | **16** | **25%** | **75%** |
| **Teacher 2** | **15** | **20%** | **80%** |
| **Teacher 3** | **13** | **23%** | **77%** |
| **Teacher 4** | **19** | **10%** | **90%** |
| **Teacher 5** | **16** | **7%** | **94%** |
| **Total for grade level** | **83** | **17%** | **83%** |

|  |  |  |  |
| --- | --- | --- | --- |
| **QUICK CHECK DATA #2**  **Friday, Jan. 13th**  [**(Time to ½ Hour)**](https://drive.google.com/file/d/1KGbrDCQVhShfcglUgLmjcrBKlmf-ISCP/view) | **# of students** | **% of students below proficient**  (*U+ PP)/total # assessed \* 100 = %)* | **% of students proficient and above**  (*P+ A)/total # assessed \* 100 = %)* |
| **Teacher 1** | **19** |  |  |
| **Teacher 2** | **16** |  |  |
| **Teacher 3** | **13** |  |  |
| **Teacher 4** | **19** |  |  |
| **Teacher 5** | **16** |  |  |
| **Total for grade level** | **83** |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **POST-ASSESSMENT DATA**  **BY Friday, Jan. 20th**  [**(Post-Assessment Time to Hour and ½ Hour pg. 101)**](https://doc-08-2s-apps-viewer.googleusercontent.com/viewer/secure/pdf/hffcsjb0b4dn9edi2elrijcju1gffd3m/joaiojqpgi7d0gbcu0g7tqudmmsm6k3i/1672776825000/drive/06675944522980235103/ACFrOgDHO_ARx6N9bFVfDUeEPV1G4WzhViNqRUwuKGglNKus1j_ah0J3rhKjmRox8Gqw4m0yIM300QHAGFSvaWsZ7hyUxZ-NuusdANeIdBPBbxFP-plQJjN1suulnea2jY7ogrNRTpKFwG9GIt1G?print=true&nonce=argeoih58hq66&user=06675944522980235103&hash=srsrj91gu5ssdqreet6op4b8a0t79mvt) | **# of students** | **% of students below proficient**  (*U+ PP)/total # assessed \* 100 = %)* | **% of students proficient and above**  (*P+ A)/total # assessed \* 100 = %)* |
| **Teacher 1** | **18** |  |  |
| **Teacher 2** | **15** |  |  |
| **Teacher 3** | **13** |  |  |
| **Teacher 4** | **19** |  |  |
| **Teacher 5** | **17** |  |  |
| **Total for grade level** | **81** |  |  |

**PLC Question 2: How will we know if they learn it?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PRE-ASSESSMENT DATA RESULTS BY TEACHER**  *(Student names listed)* | **Unsatisfactory:**  **Student shows no success telling time to the hour and/or ½ hour.** | **Partially Proficient: Student shows some success with telling time to the hour and/or ½ hour but is only successful ½ of the time.** | **Proficient:**  **Student is able to identify time to the hour and/or ½ hour with 90-100% accuracy.** | **Advanced:**  **Student is able to identify time to the hour and/or ½ hour and apply new learning to create or answer a time word problem.** |
| **Teacher 1**  **\*Student** | **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student** |  |
| **Teacher 2**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  | **Student** |  |
| **Teacher 3**  *\*\* Student will be assessed by Teacher this week\*\** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student** |  |
| **Teacher 4**  \*\*Student-absent | **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student** |  |
| **Teacher 5**  \*\*\*Student and Student - not assessed | **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student** |  |
| **Total for grade level** |  |  |  |  |

**PLC Question 2: How will we know if they learn it?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUICK CHECK**  **DATA RESULTS BY TEACHER**  *(Student names listed)* | **Unsatisfactory:**  **Student shows no success telling time to the hour and/or ½ hour.** | **Partially Proficient: Student shows some success with telling time to the hour and/or ½ hour but is only successful ½ of the time.** | **Proficient:**  **Student is able to identify time to the hour and/or ½ hour with 90-100% accuracy.** | **Advanced:**  **Student is able to identify time to the hour and/or ½ hour and apply new learning to create or answer a time word problem.** |
| **Teacher 1** |  | **Student**  **Student**  **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  |
| **Teacher 2**   * **absent**   **Student** | **Student** | **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  |
| **Teacher 3** | **Student** | **Student**  **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  |
| **Teacher 4** | **Student** | **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  |
| **Teacher 5**  \*\*\*Student - absent |  | **Student** | **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student**  **Student** |  |
| **Total for grade level** |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUICK-CHECK #2 DATA RESULTS BY TEACHER**  *(Student names listed)* | **Unsatisfactory:**  **Student shows no success telling time to the hour and/or ½ hour.** | **Partially Proficient: Student shows some success with telling time to the hour and/or ½ hour but is only successful ½ of the time.** | **Proficient:**  **Student is able to identify time to the hour and/or ½ hour with 90-100% accuracy.** | **Advanced:**  **Student is able to identify time to the hour and/or ½ hour and apply new learning to create or answer a time word problem.** |
| **Teacher 1** |  |  |  |  |
| **Teacher 2** |  |  |  |  |
| **Teacher 3** |  |  |  |  |
| **Teacher 4** |  |  |  |  |
| **Teacher 5** |  |  |  |  |
| **Total for grade level** |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST-ASSESSMENT DATA RESULTS BY TEACHER**  *(Student names listed)* | **Unsatisfactory:**  **Student shows no success telling time to the hour and/or ½ hour.** | **Partially Proficient: Student shows some success with telling time to the hour and/or ½ hour but is only successful ½ of the time.** | **Proficient:**  **Student is able to identify time to the hour and/or ½ hour with 90-100% accuracy.** | **Advanced:**  **Student is able to identify time to the hour and/or ½ hour and apply new learning to create or answer a time word problem.** |
| **Teacher 1** |  |  |  |  |
| **Teacher 2** |  |  |  |  |
| **Teacher 3** |  |  |  |  |
| **Teacher 4** |  |  |  |  |
| **Teacher 5** |  |  |  |  |
| **Total for grade level** |  |  |  |  |

**STEP 2: ANALYZE DATA TO DETERMINE ROOT CAUSES**

|  |  |
| --- | --- |
| **Performance Strengths – what?**    **Pre-Assessment:**   * Knew it was a clock * Could see where the “arrow” was pointing * Could identify the correct hour but were unclear about what went on the other side of the colon   **Quick Check:**   * Switching from anaolg to digital * Could read and write the times correctly   **Post Assessment:** | **Inferences – why?** \*\*\*root causes\*\*\*  **Pre-Assessment:**   * Some students have background knowledge about clocks. * Students have an understanding of the purpose of a clock. * Some students knew “hour” and “minutes”   **Quick Check:**   * Able to use schema from home to help them * Repetition and practice * We set timers daily   **Post Assessment:** |
| **Performance Obstacles (errors) – what?**  **Pre-Assessment:**   * Call the “hand” the “arrow” * Confused the hour hand with minute hand * Correctly used the hands to identify the hour but didn’t know to convert the “12” to “00”   **Quick Check #1:**   * “Noon” question was missed * Confused the hour and minute hand * Drawing hands (not straight lines and missing arrows)   **Post Assessment:** | **Inferences – why?** \*\*\*root causes\*\*\*  **Pre-Assessment:**   * NEW TEKS in 1st grade * Mostly digital clocks in the world around us * Lacking background knowledge   **Quick Check #1:**   * When the two hands overlapped it is confusing * Changing assessment to include drawing hands onto an analog clock   **Post Assessment:** |

**STEP 3: ESTABLISH SMART GOAL**

The percentage of **1st Graders** (student group) scoring proficient or higher in **1.7E - telling time to the hour and half hour using analog and digital clocks** (content area) will increase from **14%** (current reality percentage) to **\_77%**  (goal percentage) as measured by **POST-Assessment 1.7E Time to Hour & ½ Hour** (assessment tool) administered on **Friday, January 20th, 2023**. (specific date)

**STEP 4: SELECT COMMON INSTRUCTIONAL/TEACHING STRATEGIES**

|  |  |
| --- | --- |
| **PLC Question 3: How will we respond when some**  **students do not learn?**  **Instructional**  *\*\*\*must support/match the root causes identified in step 2\*\*\**   * What is a clock?   + Hands   + The order of the numbers (cup activity or hula hoop) * Two types of clocks: analog vs. digital * Identifying “hour”, “minute”, and “second” and examples of activities that take that long * Identify the parts of a clock (cut & paste) * Identify the hour hand as the smaller hand (analog) and the first number (digital) * Use Judy Clocks to have the kids make the time * “12” means “60 minutes” and we write it as “00” BUT say “o’clock”   -------------  - Color code the hour and minute hands with red and blue  - using an index card to help the student draw straight lines on analog clock  - “When my hands are at the top, we say ‘o'clock’ … when my hands are at my knees, I say ‘thirty’.”  - Vocabulary: half past or ---:30  - Use the Little Judy clocks to practice making time  - use clocks to play games | **Processes**  \*\*\*what common processes will teachers use\*\*\*   * Always say HOUR then MINUTES just like you always Say your FIRST name then your LAST * ALWAYS make the kids say “o’clock” * “We SAY o’clock. We WRITE 00!” * Color code the hands blue and red |
| **PLC Question 4: How will we extend the learning for students who are already proficient?**  **Extension Activities**   * Identifying the second hand * Each number represents 5 minutes * Solving time word problems (like in the MOM resources) * Creating simple time word problems * Different times around the world * Making connection to skip counting by fives as the minute hand moves around the clock |
| **Common Resources**   * [Time to Hour & Half Hour Wakelet](https://wakelet.com/wake/ccvhuqD2PmFdlVMznzL2b)   + BrainPop Videos in link above * [MoM Word Problems](https://docs.google.com/presentation/d/1urxoPOb8oFNQYHcklj4-zJw_y1yMFcwbaoNusEFVK6U/edit?usp=share_link) * “Flava Flav Game” (match-up game/ quiz-quiz-keep) |

**STEP 5: MONITOR AND EVALUATE RESULTS**

|  |  |
| --- | --- |
| **Has this strategy been implemented?**  …Implemented fully?  …Partially implemented?  …Not implemented?      \*\*\*reasons implementation was incomplete or did not occur | **What activity had the greatest impact?**  …Yes  …No  \*\*\*reasons expected impact did or did not occur |
| **Evidence of actual impact on instructional practice and/or student learning…** | **Suggested adjustments or recommendations…** |
| **Reflections…** | **Other relevant information…** |