Mathematics goal: Exponents, Equivalent equations

Mathematical practices goal: SMP 2/3

Teaching goal: Cognitive Complexity, How Students Learn: Preconceptions, metacognition, concept + procedures

TPEP goal: Overview of TPEP

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| Time, room &  Groupings | Activity & how it addresses the goals of the grant | Materials |
| 7:30-8:40  Whole group  (around tables within PLCs) | Introductions/goals/ expectations and requirements of grant;  Roles within PLCs  **Norms**: Discuss challenges and opportunities | Sign-in sheet; As teachers walk in, give Binders, dividers, Consent form, Teacher goals; SSE, CED;  Challenges and Opportunities sheet (to be collected) |
| 8:40-9:30  Grouping and math norms | Group into non-PLC groups for math task.  Discuss math norms and practice them while answering questions related to equivalent equations | Cards with equivalent equations for regrouping into non-PLC groups  Handouts with student suggestions |
| 9:30 -9:40 |  |  |
| 9:40-10:40  Non-school groups | Math task: Miguel and Anna  Focus is on using SMP2/3 | Task sheets: Miguel and Anna  SMP (checklist version); Representations |
| 10:40-10:50 | Reconvene in auditorium |  |
| 10:50-12:00  Auditorium | DTAMS: Required by grant | DTAMS directions  Copies of DTAMS |
| 12:00-1:30  PLC groups | Lunch and Cognitive Complexity (aka Cognitive Demand) | CD task: 1 per group  Definitions; Markers and poster paper |
| 1:30-1:40 |  |  |
| 1:40-2:30  PLCs sit with Principals around tables | TPEP overview |  |
| 2:30-2:45 P/APs with PLCs around tables | Recap and HW | HW sheets; Student survey forms in envelopes |
| 2:45-3:00 | Evaluations | Evaluation sheets; Principal Page |