

**Mathematical Teaching Practices & Connections to NMTeach Domains 2 & 3**

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| **Math Teaching Practice****(NCTM, 2014)** | **Where are the connections?** | **NMTEACH Indicator****(NM-PED)** |
| **Highly Effective Teachers of Mathematics**1. Establish mathematics goals to focus learning
2. Impact tasks that promote reasoning & problem solving
3. Use & connect mathematical representations
4. Facilitate meaningful mathematical discourse
5. Pose purposeful questions
6. Build procedural fluency from conceptual understanding
7. Support productive struggle in learning mathematics
8. Elicit & use evidence of student thinking
 |  | **Highly Effective Teachersin New Mexico**NMTEACH 2A: Creating an environment of respect and rapportNMTEACH 2B:Organizing physical space NMTEACH 2C: Establishing a culture for learning NMTEACH 2D: Managing classroom procedures NMTEACH 3A: Communicating with students in a manner that is appropriate to their culture & level of developmentNMTEACH 3B: Using questioning & discussion techniques to support classroom discourseNMTEACH 3C: Engaging students in learning NMTEACH 3D: Assessment in Instruction NMTEACH 3E: Demonstrating flexibility & responsiveness  |
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