

**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 Teachers in New Mexico**  NMTEACH 2A: Creating an environment of respect and rapport  NMTEACH 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 development  NMTEACH 3B: Using questioning & discussion techniques to support classroom discourse  NMTEACH 3C: Engaging students in learning  NMTEACH 3D: Assessment in Instruction  NMTEACH 3E: Demonstrating flexibility & responsiveness |
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