

CONNECTING

The Math Teaching Practices with Teaching Tips for Learning with Native American Students

MATH TEACHING PRACTICES		TEACHING TIPS FOR LEARNING WITH NATIVE AMERICAN STUDENTS
Establish mathematics goals to focus learning.		1. Connect academic content to the lives and cultural contexts of students
Implement tasks that promote reasoning and problem solving.		2. Collaborate with cultural and subject-matter experts. 4. Incorporate culturally-specific American Indian communication styles and structures. 9. Engage students in cognitively challenging activities.
Use and connect mathematical representations.		3. Use modeling and demonstrate techniques. 7. Allow students to direct small group activities
Facilitate meaningful mathematical discourse.		5. Develop language and literacy skills across content areas 6. Use content related dialogue 7. Allow students to direct small group activities
Pose purposeful questions.		2. Collaborate with cultural and subject-matter experts. 6. Use content related dialogue
Build procedural fluency from conceptual understanding		3. Use modeling and demonstrate techniques.
Support productive struggle in learning mathematics		9. Engage students in cognitively challenging activities.
Elicit and use evidence of student thinking.		7. Allow students to direct small group activities 8. Uncover knowledge in partnership with students 9. Engage students in cognitively challenging activities.