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| **Math Grade 4-5 What’s going on for our learners? How do we know? What does our focus need to be? Teacher:** |
| **1** | **Criteria Category** | **Criteria for Success** |  **Emerging Developing Proficient Extending** |
|  | **Reasoning and Analyzing** | Use reasoning to explore and make connectionsDemonstrate fluent and flexible thinking about numberDiscover and compare patterns and relationshipsMeasure and compare spatial relationships Estimate using referentsUse mental math strategies to make sense of quantities |  Emerging Developing Proficient Extending |
| **2** | **Understanding and Solving** | Select and use tools and technology to play with, explore and apply mathematical ideasUse multiple strategies to engage in problem solvingCreate visual representations of mathematical ideasModel mathematics in real life contexts  |  Emerging Developing Proficient Extending |
| **3** | **Communicating and Representing** | Communicate thinking using mathematical vocabularyExplain and justify mathematical ideas and decisions of self and othersRepresent mathematical ideas in concrete, pictorial, and symbolic forms |  Emerging Developing Proficient Extending |
| **4** | **Connecting and Reflecting** | Make connections between First Peoples worldviews and mathematical conceptsConnect mathematical concepts with* other mathematical concepts
* other areas of learning
* personal interests

Reflect on mathematical thinking of self and others |  Emerging Developing Proficient Extending |
| **5.**  | **Questioning and Investigating** | Ask questions that demonstrate curiosity and wonder.Pose new questions and problems |  Emerging Developing Proficient Extending |