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| Name | **Reasoning and Analyzing** | | | | | | **Understanding and Solving** | | | | **Communicating and Representing** | | | | **Connecting and Reflecting** | | | |
|  | **RA1** | **RA2** | **RA3** | **RA4** | **RA5** | **RA6** | **US1** | **US2** | **US3** | **US4** | **CR1** | **CR2** | **CR3** | **CR4** | **CRA** | **CRB** | **CRC** | **CRD** |
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**Observation Record – Math – 6 - 9**

CR1 – Use mathematical vocabulary and language to contribute to mathematical discussions.

CR2 – Explain and justify mathematical ideas and decisions

CR3 – Communicate mathematical thinking in many ways

CR4 – Represent mathematical ideas in concrete, pictorial and symbolic forms

CRA – Reflect on mathematical thinking

CRB – Connect mathematical concepts to each other and to other areas and personal interests

CRC – Use mathematical arguments to support personal choices

CRD – Incorporate First Peoples worldviews and perspectives to make connections to mathematical

concepts

RA1 - Use logic and patterns to solve puzzles and play games

RA2 - Use reasoning and logic to explore, analyze, and apply mathematical ideas

RA3 - Estimate reasonably

RA4 - Demonstrate and apply mental math strategies

RA5 - Use tools or technology to explore and create patterns and relationships, and test conjectures

RA6 - Model mathematics in contextualized experiences

US1 - Apply multiple strategies to solve problems in both abstract and contextualized situations

US2 - Develop, demonstrate, and apply mathematical understanding through play, inquiry, and problem

solving

US3 - Visualize to explore mathematical concepts

US4 - Engage in problem-solving experiences that are connected to place, story, cultural practices, and

perspectives relevant to local First Peoples communities, the local community, and other cultures