Curricular Competencies

- *CC_1 – Reasoning and Modeling – Students can…*
  - **Develop thinking strategies** to solve puzzles and play games
  - **Estimate** reasonably and demonstrate **fluent, flexible, and strategic thinking**
  - **Model** in **situational context** when appropriate and available
  - Think **creatively with curiosity** and wonder when exploring problems

- *CC_2 – Understanding and Solving – Students can…*
  - **Develop, demonstrate, and apply** conceptual understanding to mathematic ideas
  - **Visualize** to explore mathematical concepts and relationships
  - Apply **flexible and strategic** thinking to problem solving
  - Solve problems with **persistence and a positive disposition**
  - **Engage in problem solving** connected to culture(s) and communities (First Nations, etc.)

- *CC_3 – Communicate and Represent – Students can…*
  - Use mathematical **vocabulary and language** to contribute to discussions
  - Communicate in various mediums to **explain and justify** ideas and decisions
  - **Represent mathematical** ideas in concrete, pictorial, and symbolic forms
  - **Take risks** when offering ideas in **classroom discourse**

- *CC_4 – Connect and Reflect – Students can…*
  - **Reflect on mathematical thinking**
  - **Connect** math concepts to each other, and other areas and interests
  - Use **mistakes** as **opportunities to advance learning**
  - Incorporate First Peoples worldviews, perspective, and practice to connect concepts

Notes:

- ✓ Throughout the course and exploration of Content Goals, students will be given multiple opportunities to contribute to their growth in the various Curricular Competencies.
- ✓ Additional reporting will connect Content Goals and Procedural Context to CC's
- ✓ Mathematics is a discipline with significant growth and connection from course to course – the content and procedural concepts discussed require a strong level of understanding to support continued growth in upper years.
- ✓ Deep understanding over temporary performance should be the goal for learners.