


Athlone Numeracy Goal 2023-2024

<p style="text-align: center;"><u>Student Goal:</u></p> <p><u>Identify</u> what is most important right now?</p>	<p style="text-align: center;"><u>Teacher goals:</u></p> <p><u>Clarify</u> the knowledge and understanding needed.</p>
<p>All students will be able to represent their mathematical thinking concretely, orally, pictorially, and/or symbolically.</p> 	<ul style="list-style-type: none"> - Teachers will use the continuum of mathematical reasoning and thinking/ faces on the data as a means of formative assessment and to help guide instruction. - Problem-solving tasks, daily thinking routines, and counting collections will be used on a regular basis to help students develop the ability to represent their thinking as well as develop a strong number sense, operational skills, and mental math abilities. - Common assessments will be utilized to gather data to support and guide programming and instruction. - School-wide book study of “Making Math Stick” to help teachers implement effective pedagogical practices.
<p><u>Action Steps:</u> What ongoing practices will we maintain to ensure we are accountable to our goal?</p>	
<p>Action 1 Teachers will spend part of each weekly PLC meeting to focus on numeracy. The attached template will be used to guide the conversation and work.</p>	<p>Action 2 Teachers will use common problems/tasks as a means of formative and summative assessment.</p>
<p>Action 3 Teachers will understand how to use the continuum of thinking and reasoning to determine each student’s level of mathematical thinking and ensure each student’s continued development.</p>	<p>Action 4 Building knowledge and capacity – “Making Math Stick” book study. Teachers will work collaboratively to read, discuss, and implement ideas from the book.</p>
<p>Action 5 Teachers will demonstrate spiralling of curriculum through the use of the CGI framework and/or the suggestions from “Making Math Stick.”</p>	<p>Action 6 Teachers will determine their grade level(s) “Key Concepts” and “Big Ideas” and use them in their instructional planning. They will be able to state a goal for any instructional activity based on these key concepts and ideas.</p>