

## Grade 3 Math Year Plan

2011-2012

Kate Phelps

**Course Overview:** The main goals of mathematics education are to prepare students to: use mathematics confidently to solve problems; communicate and reason mathematically; appreciate and value mathematics; make connections between mathematics and its applications; commit themselves to lifelong learning; become mathematically literate adults, using mathematics to contribute to society.

	September	October	November	December	January
<b>Topic:</b>	Number	Number	Number	Number	Patterns
<b>Resources:</b>	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book
<b>Instructional Approaches:</b>	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work
<b>Special Activities:</b>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>
<b>Evaluation:</b>	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists

	February	March	April	May	June
<b>Topic:</b>	Patterns	Measurement	Measurement	Data Analysis	Space and Shape
<b>Resources:</b>	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book	Math Makes Sense Textbook and Practice and Homework Book
<b>Instructional Approaches:</b>	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work	Direct Teaching Exploration Demonstration Experimentation Group Work
<b>Special Activities:</b>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>	<a href="http://www.funbrain.com">www.funbrain.com</a> <a href="http://www.learnalberta.ca">www.learnalberta.ca</a>
<b>Evaluation:</b>	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists	- Practice books, Unit tests, Checklists

Space and Shape will be worked on throughout the year through the weekly use of QuickDraw activities. June will be when all the information will be brought together and assessed summatively.