TIME	CONTENT	SKILLS	ASSESSMENTS
SepteEber	<ul> <li>UNIT 1: Introduction to Math Materials and Routines</li> <li>What is math?</li> <li>Counting – one to one correspondence</li> <li>Representing number</li> </ul>	<ul> <li>Verbally count by 1's to 20</li> <li>Record numerical information</li> <li>Develop a sense of time (day, weeks)</li> <li>Connect number names, numerals, and quantities</li> <li>Collect data that falls into two groups</li> <li>Count and compare quantities</li> </ul>	<ul> <li>Teacher observation</li> <li>Begin End-of-Year Benchmark Assessment</li> </ul>
October - Zo>@Eber	<ul> <li>UNIT 2: Patterns</li> <li>What is a pattern?</li> <li>How do we know if there is a pattern?</li> <li>Where do we find patterns?</li> <li>Creating a pattern</li> <li>Extending a pattern</li> <li>Identifying the unit of a pattern</li> </ul>	<ul> <li>Observe and describe attributes</li> <li>Recognize and describe a pattern</li> <li>Create and extend patterns</li> <li>Predict what comes next in a pattern</li> <li>Read and record patterns</li> <li>Identify the unit of a pattern</li> <li>Interpret a pattern using physical movements</li> <li>Represent a physical pattern using materials</li> <li>Make a linear pattern in a rectangular frame</li> <li>Make and compare patterns that use the same two variables (of color)</li> <li>Copy, build, and extend patterns that grow (or shrink) in some regular and predictable way</li> <li>Determine a rule for how a pattern grows (or shrinks)</li> </ul>	<ul> <li>Patterns unit assessment</li> <li>Teacher observation</li> <li>Student discussion</li> </ul>

TIME	CONTENT	SKILLS	ASSESSMENTS
ספראקר - אמכזמרא	<ul> <li>UNIT 3: Number and Numeration</li> <li>Why do we count things?</li> <li>Why do we measure things?</li> <li>Counting</li> <li>Developing number sense</li> <li>Measuring (linear)</li> </ul>	<ul> <li>Recognize numerals and number names to 10</li> <li>Connect numerals to the quantities they represent</li> <li>Create a set of a given size</li> <li>Represent quantities with pictures, numerals, or words</li> <li>Develop strategies for counting and keeping track of quantities</li> <li>Develop and use language to describe and compare lengths</li> <li>Measure by direct comparison</li> <li>Count groups (sets) of objects</li> <li>Compare quantities to determine which is more</li> <li>Keep track of the size of a growing collection</li> <li>Use appropriate language to describe and compare amounts</li> <li>Order quantities from least to most and most to least</li> <li>Represent mathematical work</li> <li>Solve a problem with many possible solutions</li> </ul>	<ul> <li>Number and Numeration unit assessment</li> <li>Teacher observation</li> <li>Student discussion</li> </ul>

TIME	CONTENT	SKILLS	ASSESSMENTS
February - March	<ul> <li>UNIT 4: Data Collection</li> <li>How do we collect data?</li> <li>How can we represent data?</li> <li></li></ul>	<ul> <li>Develop and use strategies for counting</li> <li>Relate counting to the quantity of items in a group</li> <li>Use one-to-one correspondence</li> <li>Explore two-to-one correspondence</li> <li>Represent data in a variety of ways</li> <li>Look at different representations of the same data set</li> <li>Sort objects into groups by attribute</li> <li>Describe categories for a sort</li> <li>Sort a set of objects in more than one way</li> <li>Note similarities and differences in related objects</li> <li>Compose survey questions</li> <li>Gather and record survey data</li> <li>Compare the sizes of different groups in a survey</li> <li>Make sense of the data representations</li> <li>Solve a mathematical problem based on data</li> <li>Build a model or make a representation to explain a problem-solving strategy</li> <li>Count and compare sets of objects or people</li> </ul>	<ul> <li>Data Collection unit assessment</li> <li>Teacher observation</li> <li>Student discussion</li> </ul>

TIME	CONTENT	SKILLS	ASSESSMENTS
March - April	<ul> <li>UNIT 5: Geometry</li> <li>What shapes do you see around you?</li> <li>Familiarity with attributes of 2-D and 3-D shapes</li> </ul>	<ul> <li>Observe and describe two-dimensional shapes</li> <li>Develop vocabulary to describe 2-D and 3-D shapes</li> <li>Become familiar with the names of 2-D and 3-D shapes (circle, square, rectangle, triangle, sphere, pyramid, cube, rectangular prism)</li> <li>Describe and become familiar with the attributes of 2-D shapes</li> <li>Relate 2-D shapes to real world objects</li> <li>Construct 2-D shapes</li> <li>Find combinations of shapes that fill in a given area</li> <li>Build knowledge about the relationships among pattern block shapes</li> <li>Relate a 3-D object to a 2-D picture of its geometric shape</li> <li>Picture the shape that will fit a particular space or design</li> <li>Visualize how a shape needs to be moved or turned in order to fit into a particular space or design</li> <li>Describe position of and spatial relationships among objects</li> <li>Look at 3-D objects as wholes and as having parts</li> <li>Observe similarities and differences between the faces of different 3-D shapes</li> </ul>	<ul> <li>Geometry unit assessment</li> <li>Teacher observation</li> <li>Student discussion</li> </ul>

TIME	CONTENT	SKILLS	ASSESSMENTS
M a y - J u n e	UNIT 6: Number Sense and Operations • Why do we count things?  • Strategies for combining and separating numbers	<ul> <li>Count up to 20 objects</li> <li>Represent quantities with pictures, numbers, and words</li> <li>Repeat a nonstandard measure to quantify length</li> <li>Become familiar with number combinations to 10</li> <li>Record a number of objects grouped using different strategies</li> <li>Determine the larger of two amounts, up to 20</li> <li>Make sense of stories that involve combining and separating by acting them out and retelling them</li> <li>Develop strategies for solving combining and separating story problems</li> <li>Find the total of two or more single-digit numbers</li> <li>Use pictures, numbers, and words to record solutions to a problem</li> </ul>	<ul> <li>Number Sense and Operations unit assessment</li> <li>End-of-Year Benchmark assessment</li> <li>Teacher Observation</li> <li>Student discussion</li> </ul>
		• Find combinations of numbers to 10	