Kindergarten Math
Year at a Glance (YAG)

First Semester

1st Nine Weeks

TEKS
K.1ABCDEFG
K.2ABCDEFGHI
K.5A

K.8ABC

TEKS Resource System YAG *(Español)*

Assurance vocabulary:
count, number, one-ten, whole, part, none, more, fewer, same, compare, order, five-frame, ten-frame, greater, less

Continuing Threads (calendar/daily routines, work stations, integrated into other units)**:** Graphing/data (K.1E, K.8 A, **B, C**), Counting to 100 (K.5), 2-D Shapes (K.6A, K.6E), Reading, writing, and representing whole numbers (K.2 A, **B**, C)

Introducing & Developing Numbers 0-5
Topics 1-2
The ability to recognize and represent numbers in various forms
Why is it important to be able to recognize and create a variety of representations for a quantity?
Read, Write, Represent, Compose and Decompose, Compare

Introducing and Developing Numbers 6-10
Topics 3-4
The ability to recognize and represent numbers in various forms
Why is it important to be able to recognize and create a variety of representations for a quantity?
Read, Write, Represent, Compose and Decompose, Compare

Counting Goals: 30, backwards from 5

Second Semester

3rd Nine Weeks

TEKS
K.1ABCDEFG
K.3ABC
K.4A

K.6BCE
K.7AB
K.8ABC

K.9ABCD

TRS YAG *(Español)*

Assurance vocabulary:
coin, cost penny, cent value, nickel dime, quarter model, hundred chart, pattern, graph, survey most, fewer earn, skill, gift income, want need, balance scale, length, longer, shorter height, taller, weight, weighs heavier, lighter solid figure, cone, cube, cylinder, sphere flat surface, stack, slide, roll

Continuing Threads: Graphing/data (K.1E, K.8 A, **B**, **C**), Counting to 100 (K.5) *(100th Day)*, 2-D Shapes (K.6A, K.6E), Money, (K.4), Personal Financial Literacy (K.9A-D) (*HEB store, Pennies for Patients*), Measurement (K.7 A, K.7 B)
Review Contextual Sums and Minuends Topics 10-11

Geometry - Three-Dimensional Solids (Topic 13)
Attributes and Properties
What relationships exist between two-dimensional figures and three-dimensional figures?
What attributes and properties exist in…
- two-dimensional figures?
- three-dimensional figures?

Coin Identification (Topic 9)
Recognizing the distinct attributes of each U.S. coin is essential for accurate identification of each coin and for future work with money.
Why is it important to be able to identify US coins?
What are the distinct attributes of the …
penny? nickel? dime? quarter?

Personal Financial Literacy (Topic 16)
Understanding income, jobs, wants, and needs aids in making informed financial management decisions, which promotes a more secured financial future.
What is income?
What are some examples of ways to earn income in the home, school, and community?

When is money received considered income? a gift?
How are the skills needed for a specific job determined?
Why do some jobs require certain skills but other jobs require other skills?

Counting Goals: 100, backwards from 20, count by 10's to 100

2nd Nine Weeks

4th Nine Weeks

Kindergarten Math
Year at a Glance (YAG)

<table>
<tr>
<td><u>TEKS</u>
K.1ABCDEFG
K.2ABCEFGHI
K.3ABC
K.6ADEF
K.7AB
K.9ABCD

TEKS Resource System YAG (Español)

Assurance vocabulary: join, in all, add, sum, number sentence, plus sign (+), equal sign (=), eleven- twenty, set, greater, less, left (left over), subtract, separate, take away, difference, minus sign (-), same, different, sort, does not belong, circle, triangle, side, corner, vertex, rectangle, square</td>
<td><u>Continuing Threads:</u> Graphing/data (K.1 E, K.8 B, C), Counting to 100 (K.5), 2-D Shapes (K.6 A, K.6 E), Money, (K.4), Personal Financial Literacy (K.9 A, B, C, D) (HEB store, Can Drive, Wants and Needs, Then and Now), Measurement (K.7 A, K.7 B)

<u>Introducing Contextual Sums and Minuends 0-10 (0-5, 6-10) Topics 7-8</u>
Addition and Subtraction
How can representing a problem situation using... words, concrete models or objects, drawings or pictorial models, a number sentence… aid in problem solving and explaining a problem solving strategy?

<u>Introducing and Developing Numbers 11-20 (11-15, 16-20)</u> Topics 5-6
The ability to recognize and represent numbers in various forms
Why is it important to be able to recognize and create a variety of representations for a quantity?
Read, Write, Represent, Compare

Geometry - Two-Dimensional Shapes
Topic 12
Attributes and Properties
What relationships exist between the edges (sides) and the corners (vertices) in two-dimensional figures?
Why is a square considered a special type of rectangle?

Counting Goals: 60, backwards from 10</td>
<td><u>TEKS</u>
K.1ABCDEFG
K.4A
K.6AE

K.7AB
K.8ABC
K.9ABCD

TEKS Resource System YAG (Español)

Assurance vocabulary: Continue to reinforce all vocabulary words.</td>
<td><u>Continuing Threads:</u> Graphing/data (K.1 E, K.8 B, C), Counting to 100 (K.5), 2-D Shapes (K.6 A, K.6 E), Money, (K.4), Personal Financial Literacy (K.9 A, B, C, D) (HEB store), Measurement (K.7 A, K.7 B)

<u>Data Analysis with Numbers to 20 (0-10, 11-20)</u>
(Topic 15)
Data can be collected in response to a question and can be sorted and organized to represent the intent of the question.
What is the purpose of an organized, visual format and how does it aid in the ability to efficiently draw conclusions and answer questions?
Pose a Question, Data Collection, Sort and Organize, Interpretation, Conclusions

Measurable Attributes and Direct Comparisons
(Topic 14)
Objects have unique measurable attributes that can be defined and described in order to make sense of their relationship to other objects in the world.
What are some examples of the measurable attribute … length? capacity (liquid volume)? weight?

Counting Goals: 100+, backwards from 20, by 10’s to 100</td>
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