

## Fridge Curriculum

By the end of 2<sup>nd</sup> Grade students will be able to...

### Math

- \*Apply relationship between addition & subtraction
- \*Apply relationship between subtraction & counting back
- \*Know basic addition to  $10+10$  & subtraction facts  $20-10$
- \*Complete an addition & subtraction fact family
- \*Count by 2s to 50 by any multiple of 2
- \*Use repeated addition to add equal groups
- \*Count by 1s from any number to 100
- \*Count by 2s, 5s or 10s starting from a multiple of 2, 5 or 10
- \*Skip count by 100s from any number
- \*Add three 2-digit numbers with one regrouping with a sum less than 100
- \*Determine a pair that equals 1000 or 100
- \*Add 2- & 3-digit numbers with one regrouping
- \*Add two 3-digit numbers and two 2-digit numbers
- \*Add multiples of 10 to 90
- \*Subtract a 3-digit number from a 3-digit number up to one regrouping
- \*Subtract a 1- or 2-digit number from a 2 or 3-digit number
- \*Determine a basic addition or subtraction fact on a number line
- \*Read whole numbers to 1000
- \*Model a number using hundreds, tens, & ones
- \*Represent and determine a 3-digit number as hundreds, tens, & ones
- \*Compare whole numbers to 1000 using words and symbols ( $<$ ,  $>$ ,  $=$ )
- \*Add & subtract zero to any number less 100
- \*Identify a circle, triangle, square, rectangle, parallelogram, trapezoid, pentagon, hexagon, octagon
- \*Determine the rule to sort geometric shapes
- \*Find the area of a shape
- \*Find the area of a shape on a grid
- \*Identify a shape divided into equal parts
- \*Tell time to the half hour, quarter hour, to 5-minute intervals
- \*Determine cent amounts that equal one dollar
- \*Add or subtract a collection of bills or coins
- \*Use a plot line to represent data
- \*Read a pictograph
- \*Use a pictograph to represent groups of objects (1 symbol = 1 object)

\*Subtract multiples of 10 up to 90

\*Measure length in inches, half inches, & centimeters

\*Compare and order objects by height or length

\*Identify a number up to 20 on a number line

\*Relate a number line to basic addition and subtraction facts

## Reading and Writing

For Fiction and Nonfiction:

\*Use the strategies rereading, retelling, summarizing, using context clues, predicting, answering and asking questions, clarifying, and making connections

\* Read high-frequency words fluently

\*Describe how the beginning of the story introduces the problem and the end solves the problem

\*Use information from illustrations and print to gain understanding of reading

\*State the main idea of a paragraph and whole text

\*Identify, use, and explain captions, bold print, subheadings, glossaries, indexes, and diagrams to location key information

\*Identify the author's purpose (inform, explain, describe)

\*Read multisyllabic words fluently including words with prefixes and suffixes

\*Read a bar graph

\*Answer a question using information from a bar graph

\*Determine a question that can be answered from a data representation

\*Write opinion and informative pieces with reasons, linking words or transitions, and a conclusion

\*Write narratives with details, thoughts, feelings, transitions, and closure

\*Organize ideas using graphic organizers

\*Write with precise nouns, active verbs, and adjectives

\*Write letters and how-to's with correct punctuation

\*Organize informational text using a main idea and supporting details

\*Use relevant details when responding in writing to questions about texts

\*Form and use frequently occurring nouns and verbs

\*Use reflexive pronouns, adjectives, adverbs

\*Use accurate subject-verb agreement

\*Vary sentence beginning

\*Spell high-frequency words correctly

\*Read grade-level text accurately at the appropriate rate (117 wpm in May) with expression

\*Use context to confirm or self-correct word recognition and understanding (rereading if necessary)

\*Use context clues to determine the meaning of unknown words

\*Use root word to determine meaning of words when a prefix or suffix is added

\*Use background knowledge to determine the meaning of a compound word

\*Identify real-life connections between words and their use (describe words that are juicy or spicy)

\*Use words learned through interactions with peers, adults, and books

\*Capitalize holidays, product names, geographic names

\*Use apostrophes in contractions and possessive nouns

\*Use spelling patterns to spell unknown words

\*With support from adults and peers strengthen and publish writing

\*Use and identify a variety of resources to gather information

\*Identify a question and research the answer

\*Participate in shared research and writing