

# BENCHMARKS

## ELEMENTARY—2ND YEAR

### **Language:**

#### *READING & COMPREHENSION*

1. Each student will become confident in their reading. To be able to read aloud, clearly
2. Each student will be able to identify different types of literary pieces and to further expand their broad base of literature.
3. Each student will be able to pick out parts of a story and verbally express a clear comprehension including inferences and deductions.
4. Each student will accurately and smoothly read grade level passages from the Reading For Concepts program and answer comprehension questions with at least 80% accuracy

#### *WRITING*

1. Each student will become descriptive in their writing. To have proper punctuation.
2. Each student will be introduced to paragraph writing and to be able to identify a topic sentence and the sentence that clearly does not belong.
3. Each student will make a portfolio of favorite writing pieces, demonstrating their level of proficiency in mechanics and handwriting, as well as composition, usage, and sentence structure.

#### *GRAMMAR & SPELLING*

1. Each student will use correct spelling for all published works.
2. Each student will be able to identify a sentence from a clause or a phrase.
3. Each student will be introduced to Parts of a Letter.
4. Each student will be able to identify the following parts of speech in a sentence—Noun, Verb, Article, Adjective, and Adverb.
5. Each student will be introduced to the following Parts of Speech—a preposition, a pronoun, a conjunction and an interjection.
6. Each student will be able to identify the four types of sentences.
7. For each student to have a clear understanding of the functions of the following grammar symbols; comma and exclamation point
8. Each student will be introduced to the grammar symbol, Quotation Marks
9. Each student will have a clear understanding of “es” singular/plural, concept and apostrophe “s”.
10. Each student will have a clear understanding of past and present tense grammar.
11. Each student will be introduced to extensive abbreviations
12. Each student will have a clear understanding of Homonyms, Synonyms, Antonyms, Prefixes, and Suffixes.

#### *RESEARCH*

1. Each student is expected to understand and utilize various sources of research material.
2. Each student is taught how to use graphic organizers as a means for beginning research work.
3. Each student will expand the concept of alphabetizing to include guide words.

### **Mathematics:**

1. Each student will be able to skip count through 9.
2. Each student will be able to identify place value up to one million and to be able to exchange from one place value to another.
3. Each student will have mastered the Hierarchy of Numbers up to one million.
4. Each student will be able to sort objects by several complex attributes - patterning.
5. Each student will have mastered “greater than”, “less than” and “equals to” quantities and their symbols.
6. Each student will be introduced to “greater than” and “less than” with fractions.
7. Each student will be introduced to fractions through tenths.
8. Each student will use a variety of problem solving strategies and the four basic operations to solve routine

and non-routine word problems.

9. Each student will complete timed math fact tests at the rate of the personal goals with the ultimate goal of one problem per three seconds
10. Each student will know how to create and use a bar graphs.
11. Each student will be introduced to pie charts.
12. Each student will write two original word problems that require different operations that require using data from a chart.
13. Each student will reproduce, extend, or create and describe a pattern using a variety of symbols.

**Addition:**

10. Each student will have mastered to math facts 11 - 18.
11. Each student will have mastered dynamic addition.

**Money:**

12. Each student will know all of the presidents on all coins, the one dollar, the five dollar, and the ten dollar bills.
13. Each student will be able to add and subtract with all coins.
14. Each student will be introduced to paper money up to the ten dollar bill
15. Each student will know ways to make one dollar

**Geometry:**

16. Each student will have mastered the names of all multi-sided flat figures up to a decagon and including a circle.
17. Each student will be introduced to the point, the line, the plane and the solid.
18. Each student will be able to identify triangles by side and by angle.
18. Each student will have mastered the names of the following solid figures: cube, sphere, rectangular prism, triangular prism, square base pyramid, triangular base pyramid, cone, cylinder
16. Each student will have been introduced to a straight line, a curved line and many curved figures.
17. Each student will have been given an introduction to an angle.
18. Each student will have been introduced to a protractor and the measurement of angles.
19. Each student will have been introduced to the Parts of a Circle, the Parts of a Triangle, and the Parts of a Rectangle.
20. Each student will have been introduced to parallel, perpendicular and intersecting lines.

**Measurement:**

21. Each student will be able to measure perimeters in inches and centimeters
22. Each student will be introduced to measurement conversions.
23. Each student will be familiar with all previously taught units of measurement and their extensions.
24. Each student will be able to utilize and measure time with a calendar.

**Time:**

25. Each student will have mastered telling time by quarter past and quarter of.
26. Each student will have been introduced to telling time at 5-minute intervals.
27. Each student will have been introduced to word problems involving hour and half-hour intervals of time.
28. Each student will be able to tell time to the hour on an analog as well a digital clock

**Subtraction:**

29. Each student will have mastered math facts less than 18.
30. Each student will have mastered dynamic subtraction - exchanging.

**Multiplication:**

31. Each student will have an understanding of the concept of multiplication.
32. Each student will have been introduced to Multiplication Tables.
33. Each student will have been introduced to multiplication with concrete materials.

**Division:**

34. Each student will have been introduced to division facts with concrete materials.
35. Each student will be familiar with the terms; addend, sum, subtrahend, and difference.
36. Each student will have been introduced to the concepts of estimating and rounding to the nearest 10.
37. Each student will have been introduced to the concept of Symmetry.
38. Each student will have had continued work with word problems and be introduced to “missing factors”.

## **Science:**

1. Each student will have mastery of the Layers of the Earth.
2. Each student will be able to identify all Parts of a Volcano.
3. Each student will have been introduced to the Layers of the Atmosphere.
4. Each student will be able to identify different types of rock as Igneous, Sedimentary, or Metamorphic.
5. Each student will know how each rock type is formed.
6. Each student will have been introduced to the concept of “erosion”.
7. Each student will have been introduced to the concept of “magnetism”.
8. Each student will have been introduced to the use of a compass.
9. Each student will have mastery in changing in States of Matter.
10. Each student will be introduced to the concept of “Mass”.
11. Each student will have a deeper understanding of the Forces that Shape the Earth - should be able to explain and recreate.
12. Each student will have been introduced to a mixture and a solution
13. Each student will have mastery of the water cycle and the concepts of “precipitation”, “evaporation”, and “condensation”.
14. Each student will have mastery of the concept of “photosynthesis”.
15. Each student will be introduced to different types of leaves.
16. Each student will gain a deeper understanding of nature through several experiments using plants.
17. Each student will be introduced to the Parts of an Experiment - Hypothesis, Materials, Procedures, Observation, and Conclusion.
18. Each student will be able to research a planet and will gain knowledge of basic planet facts.
19. Each student will be introduced to “The Sun as a Star”.
20. Each student will be introduced to the Parts of a Star.
21. Each student will gain mastery of the concepts “revolution” and “rotation”.
22. Each student will be introduced to “revolution” and “rotation” as it relates to the other planets.
23. Each student will be introduced to Time Zones.
24. The student will know the 5 kingdoms—Protista, Monera, Fungi, Plant, and Animal Kingdoms.
25. Each student will be able to identify different life forms and classify them in one of the 5 kingdoms.
26. Each student will be introduced to the Parts of a Cell.
27. Each student will be taught the Life Cycle of a Plant—From Seed to Tree.
28. Each student will be introduced to the Rings of A Tree.
29. Each student will be able to classify Mollusks, Crustaceans, Anthropoids, Sponges, Jellyfish, and Annelids.
30. Each student will be introduced to the concept of Metamorphosis.
31. Each student will have been introduced to the Life Cycle of a Butterfly.
32. Each student will have mastered the Parts of a Butterfly.
33. Each student will have been introduced to the Life Cycle of a Frog.
34. Each student will be able to research an invertebrate.
35. Each student will know the qualities that differentiate a reptile, an amphibian and a mammal.
36. Each student will have been introduced to the Life Cycle of a Mammal.
37. Each student will have mastered several Parts of the Human Body including: the Muscular System, the Digestive System, The Skeletal System, the Nervous System, and the Circulatory System.
38. Each student will have an understanding of how the different systems of the body work together.
39. Each student will have done continued work with Nutrition & Health.
40. Each student will know the meaning of “meniscus”.
41. Each student will be introduced to the Microscope and the Balance.

