

BENCHMARKS

ELEMENTARY—1ST YEAR

Language:

READING & COMPREHENSION

1. Each student will become an independent reader. *This does not mean that they will be able to read any book in the library; however, the expectation is that, with limited assistance, the first grader will read books appropriate to a beginning reader.*
2. Each student will be exposed to a variety of literary pieces including; poetry, fables, fiction and non-fiction works
3. Each student will comprehend and begin to participate in conversation regarding literature that either they have read themselves or that has been read aloud to them
4. Each student will complete independent reading activities
5. 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 an independent writer. *Similar to the above statement, the first grader is not expected to write a flawless essay, however, they are expected to express themselves legibly in writing.*
2. Each student will have a clear understanding of basic letter formation and proper letter spacing
3. Each student will make a portfolio of writing pieces, demonstrating a student's level of proficiency in mechanics and handwriting, as well as composition and organization

GRAMMAR & SPELLING

1. Each student will have a clear understanding of the functions of the following parts of speech—Noun, Verb, Article, Adjective, and Adverb
2. Each student will be able to identify a noun and a verb in a sentence
3. For each student to have a clear understanding of the functions of the following grammar symbols: capitals, periods, question marks
4. Each student will be introduced to the following grammar symbols; comma and apostrophe “s”.
5. Each student will have a clear understanding of basic singular/plural concept
6. Each student will be introduced to extensive singular/plural concepts and basic abbreviations
7. Each student will be introduced to the concept of alphabetizing and the proper use of the library card catalog system

RESEARCH

1. Each student will be able to identify various source for research and information including; the dictionary, the almanac, the encyclopedia, and an atlas
2. Each student will use graphic organizers to display important information
3. Each student will develop a research question on chosen topic (my be done with adult assistance)

Mathematics:

1. The student will be able to count to 100 by ones, twos, fives, and tens.
2. The student will be introduced to counting by all other denominations up to 9.
3. The student will be able to identify place value of units, tens, hundreds and thousands and to be able to exchange from one place value to another.
4. The student will know that all math operations start from the unit column.
5. The student will be able to recognize, describe, extend, and create visual and number patterns

6. The student will be able to identify “greater than”, “less than” and “equals to” quantities and their symbols.
7. The student will know how to create concrete and abstract forms of 11—20.
8. The student will be introduced to the concept of fractions and will know halves, thirds, and quarters.
9. The student will be introduced to graphing.
10. The student will be able to solve number grid puzzles.
11. The student will be able to make concrete forms up to 999.
12. The student will be introduced to the hierarchy of numbers.

Addition:

12. The student will have a clear understanding of all the ways to make 10.
13. The student will have a clear understanding of math facts under 10.
14. The student will be introduced to math facts 11—18.
15. The student will be introduced to dynamic addition.

Money:

16. The student will be able to identify the fronts and backs of all coins and their monetary value.
17. The student will be able to count combinations of dimes, nickels, and pennies

Geometry:

18. The student will know the names of all multi-sided flat figures up to a decagon and including a circle.
19. The student will be introduced to the following four-sided shapes: parallelogram, rhombus, quadrilateral, and trapezoid.
20. The student will be introduced to identify triangles by side (equilateral, isosceles or scalene) and by angle (obtuse, acute or right).
21. The student will be introduced to the following solid figures; cube, sphere, rectangular prism, triangular prism, square base pyramid, triangular base pyramid, cone, cylinder

Measurement:

22. The student will be familiar with several measuring tools including; the scale or balance, the ruler, the thermometer, a measuring cup and a clock.
23. The student will be familiar with units of measurement including; inches, centimeters, cups, quarts, gallons, pounds, and degrees Fahrenheit.

Time:

24. The student will have mastered telling time by the hour and half hour.
25. The student will have been introduced to telling time at quarter past and quarter to.
26. The student will have a clear understanding of before & after, and yesterday, today & tomorrow.
27. The student will know the days of the week.
28. The student will know the months of the year and the history of their names.

Subtraction:

29. The student will know math facts less than 10.
30. The student will have been introduced to math facts less than 18.
31. The student will be able to perform static subtraction..
32. The student will know the difference between odd and even numbers.
33. The student will have been introduced to word problems.

Science:

1. The student will have been introduced to the Geologic Timeline.
2. The student will have been introduced to the Timeline of Life.
3. The student will have been introduced to The Big Bang Theory.
4. The student will have been introduced to The Size of the Planets Lesson
5. The student will know the difference between living and non-living.
6. The student will have been introduced to the Formation of the Earth.
7. The student will have been introduced to the Layers of the Earth.

8. The student will be able to identify all four layers of the Earth.
9. The student will have been introduced to the Parts of a Volcano.
10. The student will have been introduced to different types of rock including: Igneous, Sedimentary, and Metamorphic.
11. The student will be introduced to the Forces that shape the Earth—Centrifugal, Centripetal, Gravity, and Inertia.
12. The student will be taught the concept of “observation” and “What is a Scientist?”
13. The student will be introduced to the States of Matter—solid, liquid, and gas.
14. The student will be introduced to changing in States of Matter.
15. The student will classify objects according to magnetic attraction, and record observations to demonstrate understanding
16. The student will be introduced to the water cycle and the concepts of “precipitation”, “evaporation”, and “condensation”.
17. The student will be introduced to the concept of “photosynthesis”.
18. The student will master the Parts of a Plant, the Parts of a Tree, and the Parts of a Flower.
19. The student will observe the development of a plant from a seed and learn what a plant needs to survive
20. The student will be introduced to the seasons and how & why they occur.
21. The student will have been introduced to The Distance of the Planets Lesson.
22. The student will know the names of all of the planets and their order in the Solar System.
23. The student will be introduced to the satellites of the planets.
24. The student will be introduced to the concepts of “Revolution” and “Rotation” as it relates to the Earth.
25. The student will have a clear understanding as to what makes day & night.
26. The student will be taught how the moon affects the tides of the oceans.
27. The student will be introduced to the Ocean & Currents.
28. The student will be introduced to the 5 kingdoms—Protista, Monera, Fungi, Plant & Animal Kingdoms
29. The student will have mastered the difference between a vertebrate and an invertebrate.
30. The student will be introduced to the different classes of invertebrates.
31. The student will have mastered the difference between an omnivore, an herbivore, and a carnivore.
32. The student will be introduced to Fish & Sea life.
33. The student will have mastered the Parts of a Fish.
34. The student will have been introduced to an Amphibian.
35. The student will have mastered the Parts of an amphibian.
36. The student will have been introduced to a Reptile.
37. The student will have mastered the Parts of a Reptile.
38. The student will have been introduced to Birds.
39. The student will have mastered the Parts of a Bird.
40. The student will have been introduced to Mammals.
41. The student will have mastered the Parts of a Mammal.
42. The student will be able to identify & classify different birds, reptiles, amphibians, mammals and fish.
43. The student will understand life cycles through the study of insects and frogs
44. The student will have been introduced to Parts of the Human Body including; the Muscular System, the digestive System, the Skeletal System, the Nervous system, and the circulatory System.
45. The student will have been introduced to Nutrition and Health.
46. The student will have been introduced to the Web of Life / The Food Chain

