



Dr. Jan Harris
Superintendent of Education

Third Grade

Reading/Language Arts

Math

Science

Social Studies

Student Learning Objectives

THIRD GRADE

The Cullman City School System continually strives to promote a high quality education for all of our students. The school system encourages each teacher to incorporate a wide variety of teaching strategies in an effort to ensure the academic success of each student. The Cullman City School System values high academic standards and promotes excellence through a challenging curriculum. Both East and West Elementary Schools have been certified as Alabama Reading Initiative sites. Elementary teachers receive on-going training in a continuous effort to improve reading instruction for all students. This booklet identifies the minimum student learning objectives by subject and grade level as identified by the Alabama Course of Study and addendums. Each year students in grades K-3 are assessed using the Dynamic Indicator of Basic Early Literacy Skills (DIBELS). Elementary students in grades 3-6 are assessed each spring through the administration of the Stanford Achievement Test, 10th Edition (SAT 10) and the Alabama Reading and Math Test (ARMT). All fifth grade students in the state of Alabama take the Fifth Grade Direct Assessment of Writing (ADAW). In addition, classroom teachers continually monitor student progress to determine gains in student achievement in all academic areas. Each teacher in the Cullman City School System designs instruction based on the standards outlined in the Alabama Course of Study, the ARMT, and the SAT 10. The following information is provided in an effort to assist you in monitoring the educational progress of your child. Feel free to contact your child's teacher if you have further questions concerning these standards. Also, you may view additional curriculum information on the web at www.cullmancats.net or www.alsde.edu.

Minimum Required Content Reading/Language Arts

(*Denotes additional material that is assessed on the SAT 10)

Students will

1. Use a wide range of strategies to interpret, evaluate, appreciate, and construct meaning from print materials.
2. Demonstrate comprehension of recreational, textual, informational, and functional literature.
3. Exhibit awareness of how text features are used to convey meaning.
4. Demonstrate literal/initial understanding of print material: utilizing supporting details, sequencing skills causes and results.
5. Exhibit the habit of reading for a substantial amount of time daily, including assigned and self-selected materials at their independent and instructional levels
6. Interpret passages in print material.
7. Demonstrate reading improvement gained through substantial amounts of daily reading.
8. Identify literary elements and devices to comprehend third-grade materials in a variety of genres.
9. Read grade-level texts aloud and silently with fluency and comprehension.
10. Recognize 100% of Dolch sight words for third grade.
11. Read 110 word of connected text per minute with 100% accuracy by the end of third grade.
12. Choose to read a variety of literature representative of various genres.
13. Monitor own reading: self-questioning, re-reading, adjusting speed, and apply prior knowledge.
14. Read materials encountered in daily lives.
15. Apply strategies of a skillful listener.
16. Exhibit a growing independence in selecting appropriate print and non-print media for a variety of purposes.
17. Develop an understanding of cultural similarities and differences noted through exposure to multicultural literature.
18. Identify ways fictional characters and events reflect real experiences.
19. Employ study strategies to gain information.
20. Relate to the experiences and feelings of literary characters.

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21. Demonstrate vocabulary growth developed through reading and listening to literature.
22. Apply appropriate word study skills, including structural and phonetic analysis.
23. Demonstrate understanding of reading vocabulary along with the use of synonyms, multiple meaning words and compound words.
24. Apply critical analysis strategies to determine text characteristics.
25. Use the writing process with guidance when composing different forms of written expression.
26. Exhibit the habit of writing daily in academic, social, and/or personal situations.
27. Write in a variety of modes to express meaning.
28. Apply figurative language found in literature to enhance written and oral expression.
29. Organize paragraphs with attention to basic characteristics.
30. Correct errors in sentence structure in oral and written presentations.
31. Write meaningful simple sentences and short paragraphs.
32. Form sentences using appropriate sentence structure.
33. Demonstrate an ability to utilize appropriate capitalization, usage, and punctuation skills.
34. Know and apply principles of grammar and usage in writing, speaking, and presenting and apply mechanics in writing.
35. Spell correctly in final written products.
36. Write legibly in manuscript to communicate clearly.
37. Demonstrate an ability to communicate in cursive writing.
38. Use computers for expression.
39. Organize and present information in visual, oral, and/or print format.
40. Exhibit skill in dramatizations and other oral presentations for a wide range of purposes.

Math

Students will:

Number and Operations

1. Demonstrate number sense by comparing, ordering, and expanding whole numbers through 9999.
2. Solve addition and subtraction problems, including word problems, involving two- and three-digit numbers with and without regrouping.
3. Multiply whole numbers with and without regrouping using single-digit multipliers.
4. Divide whole numbers using two-digit dividends and one-digit divisors.
5. Model equivalent fractions with concrete objects or pictorial representations.
6. Use coins to make change up to \$1.00.

Mathematics Procedures

7. Use estimation and rounding skills.*
8. Demonstrate understanding of fraction and decimal concepts.*
9. Demonstrate proficiency of number facts.*
10. Demonstrate proficiency of whole number and decimal computation.*

Algebra

11. Complete a given numeric or geometric pattern.

Geometry

12. Identify geometric representations for points, lines, perpendicular and parallel lines, angles, and rays.
13. Specify locations on a coordinate grid by using horizontal and vertical movements.

Measurement

14. Measure length in metric units.
15. Determine elapsed time to the day with calendars and to the hour with a clock.

Data Analysis and Probability

16. Recognize data as either categorical or numerical.
17. Determine the likelihood of different outcomes in a simple experiment.

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Science

(Third grade students do not participate in the Science sub-test on the SAT 10)

Students will:

Physical Science

1. Classify substances as soluble or insoluble.
2. Identify physical and chemical changes of matter.
3. Describe ways energy from the sun is used.
4. Define force and motion.
5. Identify the relationship of simple machines to compound machines.

Life Science

6. Identify structures and functions of the muscular and skeletal systems of the human body.
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.
8. Identify how organisms are classified in the Animalia and Plantae kingdoms.
9. Describe how fossils provide evidence of prehistoric plant life.
10. Determine habitat conditions that support plant growth and survival.

Earth and Space Science

11. Describe Earth's layers, including inner and outer cores, mantle, and crust.
12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.
13. Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment.
14. Describe the position of Earth, the moon, and the sun during the course of a day or month.
15. Describing various forms of technology used in observing Earth and its moon

Social Studies

People, Places, and Regions: Geographic Studies

(Third grade students do not participate in the Social Science sub-test on the SAT 10)

Students will:

1. Locate the prime meridian, equator, tropic of Capricorn, tropic of Cancer, international date line, and lines of latitude and longitude on maps and globes.
2. Describe physical characteristics, including landforms, bodies of water, soil, and vegetation of various places on Earth.
3. Identify components of various ecosystems.
4. Locate population shifts due to geographic, economic, and historic changes in the Western Hemisphere.
5. Identify national and international trading patterns of the United States.
6. Identify conflicts involving use of land, economic competition for scarce resources, different political views, boundary disputes, and cultural differences within and between different geographic areas.
7. Describe the relationship between locations of resources and patterns of population distribution in the Western Hemisphere.
8. Identify geographic links of land regions, river systems, and interstate highways between Alabama and other states.
9. Identify ways to prepare for natural disasters in the United States.
10. Describe characteristics and migration patterns of human populations in the Western Hemisphere.
11. Identify significant historical sites in Alabama, including locations of civil rights activities.