

SCHOOL DISTRICT OF PHILADELPHIA

GRADE-LEVEL EDUCATIONAL GOALS
PARENT REFERENCE GUIDE

2ND GRADE

READING / WRITING

By the end of the school year, your second grader should be able to:

- Describe the characters, setting and main events or problems in a story or text that they read or heard
- Independently read longer stories and books including chapter books
- Talk about the big ideas in the stories and books that they read
- Make connections between new information from a story or book and what the child already knows about the subject or another book, movie or television program
- Write about a specific topic, such as a favorite pet, in a complete paragraph
- Write descriptions, reports, letters and instructions on how to do something



MATHEMATICS

By the end of the school year, your second grader should be able to:

- Identify whole numbers and fractions
- Represent the same number in different ways, example $18 + 12$, $20 + 10$, XXX
- Know how addition and subtraction are connected
- Add and subtract single and double-digit numbers
- Solve money problems using cents and dollars
- Identify when to use inches, feet, and yards
- Tell time on digital and traditional clocks, as well as determine how much time has gone by (elapsed time)
- Make predictions then, gather, sort, organize, display, and interpret data on charts, graphs, and tables
- Recognize and extend patterns with shapes and numbers
- Solve number sentences and determine missing parts
- Use $+$, $-$, and $=$ to create a number story
- Name, draw, describe and label two and three-dimensional shapes, such as squares, triangles, and rectangles
- Explain how they solved a math problem in their own words
- Connect repeated addition to multiplication, such as $4 + 4 + 4 = 12$ and $3 \times 4 = 12$

SCIENCE

By the end of the school year, your second grader should be able to:

- Use measuring instruments, such as a scale, to gather information about objects
- Understand the concept that weather changes from day to day, but that things such as average temperature or rainfall follows a monthly pattern
- Identify instruments used by meteorologists to monitor air and weather conditions
- Explain that changes in living things occur over time and have life cycles that include being born, developing into adults, reproducing and eventually dying



SOCIAL STUDIES

By the end of the school year, your second grader should be able to:

- Understand and explain the geography of their community
- Analyze how individuals, families, and communities are alike and different
- Study, investigate, and exhibit an understanding of African American History
- Show an understanding of how communities change over time
- Discuss how people depend on the physical environment and use natural resources to meet basic needs



HEALTH/PHYSICAL EDUCATION

By the end of the school year, your second grader should be able to:

- Understand feelings and appropriate ways to express them
- Identify the community helpers in the neighborhood
- Identify ways to avoid a conflict
- Participate in activities that involve skipping, leaping, turning, going over, under, beside, next to, up and down
- Demonstrate safety rules when walking, crossing the street and riding a bike

ART AND MUSIC

By the end of the school year, your second-grader should be able to:

Art

- Show control and confidence in using crayons, paint and clay to create art
- Know that artists make different kinds of art from a variety of ideas
- Name different art forms such as portrait, landscape and sculpture

Music

- Play simple rhythms to accompany a variety of chants, poems, and songs
- Sing and play songs using characteristics of loud/soft, fast/slow