

SCHOOL DISTRICT OF PHILADELPHIA

GRADE-LEVEL EDUCATIONAL GOALS
PARENT REFERENCE GUIDE

1ST GRADE

READING / WRITING

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

- Retell a story in order that they heard or read that includes many important details
- Talk and write about what happened in the beginning, the middle and the end of a story that they heard or read
- Read at least 100 words that are found in many stories such as read, girl, sure, etc.
- Make predictions about what might happen next in a story
- Read aloud with good speed and expression
- Spell most frequently used words correctly
- Write sentences with correct capitalization and punctuation



MATHEMATICS

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

- Understand how to divide equally into $\frac{1}{2}$ and $\frac{1}{4}$ parts
- Compare numbers (larger, smaller, more than, less than, same)
- Represent the same number in different ways; example $8+2$, $5+5$, ten
- Solve single and double-digit addition and subtraction problems
- Identify the value of and exchange coins (pennies, nickels, dimes, quarters)
- Measure the length of various objects
- Tell time on digital and traditional clocks and determine how much time has gone by (elapsed time)
- Collect and record data such as daily weather
- Show an understanding of patterns by telling what comes next using numbers, shapes, or objects
- Use $+$, $-$, and $=$ to create a number story
- Name, draw, describe and label two dimensional shapes, such as triangles, squares, and rectangles
- Count by 2's, 5's and 10's
- Understand that ten ones is one ten and ten-tens equal 100

SCIENCE

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

- Explain their discoveries by writing and drawing about their findings
- Group objects according to their different physical properties: texture, size, color etc.
- Describe the properties of the three states of matter: solid, liquid, and gas
- Explore how matter can change from one form to another, such as watching an ice cube change from a solid to a liquid
- Observe, describe, and sort earth materials, such as soil, based on different properties
- Describe and compare some characteristics of plants and animals
- Conduct hands-on investigations to discover and understand their world
- Record observations in science notebooks



SOCIAL STUDIES

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

- Explain how individuals, families, and groups are similar and different
- Understand and discuss facts about African American History
- Recognize and understand the concept of change in many different settings
- Explain different holidays and special days that are celebrated in their community and others
- Apply basic economic concepts to home, school, and the community
- Recognize how technology is used at home, school, and in the community



HEALTH/PHYSICAL EDUCATION

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

- Understand the components of good character: trustworthiness, fairness, respect, citizenship
- Understand the difference between medicinal and non-medicinal drugs
- Know what to do for a safe and unsafe touch
- Complete a 30-minute Physical Education class without undo fatigue
- Participate in games involving throwing and catching

ART AND MUSIC

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

Art

- Use different art materials to make drawings, paintings and sculptures
- Find the central image in a work of art such as a person, house or flower
- Give their opinion about a work of art

Music

- Play simple rhythms to accompany a variety of chants, poems, and songs
- Sing nursery rhymes and folk songs