

SCIENCE ACADEMIC STANDARDS
for
KINDERGARTEN

The ultimate goal of science education is for all students to develop analytical power, which allows them to participate fully as a citizen and worker in our technological world. An analytically powerful individual can reason and communicate analytically and use scientific method to solve problems.

Life Science

- K:1 TLW, individually and collaboratively, classify familiar objects as living, non-living, or never alive on the basis of life supporting needs and communicate orally a justification for each classification. (1, 2 & 4) and (C1, R1, R4 & L01)
- K:2 TLW identify and compare, individually and collaboratively, the five senses and discriminate which sense(s) would be most appropriate for a given stimulus. (1, 2 & 4) and (C1, C2, C5, R1, R4 & L01)

Earth and Space

- K:3 TLW describe, compare, and contrast local changes in the seasons and correlate proper attire and activities to weather conditions and illustrate the seasonal cycle. (1, 2 & 14) and (C1, C2, C5, C6, R1, R2, R3, R4, EAW2, EAW3 & EAW4)

Physical Science

- K:4 TLW compare and contrast common objects and substances according to their attributes and properties and use in everyday life by working with manipulatives. (1, 2 & 8) and (C1, C2, C5, C6, R1, R2, R3, R4, PME, PME2 & PME3)