

# Darul Arqam North

## 2nd Grade SCIENCE Curriculum Objective:

Second grade science helps students develop an understanding of life science, physical science, and earth and space science. Students will explore physical and behavioral characteristics of different species, the diversity of the solar system, the changes in the Earth's atmosphere, and the characteristics of sound, light, color and heat. Emphasis is given to developing the ability to ask questions, to observe, to experiment, to measure, to use computers and calculators, to problem solve, to use tools of science, to gather data and to communicate findings.

- Understand the relationship of the interaction of all living things, such as plants and animals.
- Explore the functions and systems of living things.
- Observe and understand the concept of energy and its relationship to sound.
- Investigate the properties of color, heat, and light.
- The student will conduct investigations and use appropriate tools to build an understanding of changes over time.
- Explore the history of dinosaurs and what led to their extinction.
- Explore the basic structure of the solar system.
- Understand the changes in weather patterns.
- Classify solids, liquids, and gases as states of matter according to their characteristics.
- Investigate what makes us sick and why.