

**Queen of Angels Catholic School  
Science Objectives Grade 1**

**Understand how the characteristics of living things help to identify and classify them**

- Group living things (both plant and animal) according to structure and function
- Compare and contrast behavior of living things
- Identify the basic needs of living things
- Identify the structure and function of the parts of living things

**Understand the properties of matter**

- Identify the differences between solids and liquids
- Investigate, sort, and compare properties of solids and liquids
- Observe that changes can occur in matter

**Understand the properties and behavior of magnets**

- Determine the type of materials that are attracted to magnets
- Observe when magnets attract or repel each other
- Observe magnetic fields
- Explain how a compass and magnetism are connected

**Understand how living things are classified and how they adapt to their environment**

- Identify the needs and adaptations of living things
- Explain how an animal's adaptations aid in its survival
- Explain the effect of living things on the environment
- Describe how bones and muscles do work in the human body

**Understand how to measure and compare objects to each other with different units of measure**

*\*Integrated with math curriculum*

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- Identify similarities and difference through matching, measuring, and interpreting data
- Utilize standard and nonstandard methods of measurement
- Describe similarities and differences between objects
- Predict lengths and size of objects
- Order objects based on units of measurement
- Identify important factors when measuring

**Enrichments:** Earth Week Activities (as appropriate and timely)  
Science based fieldtrips