

GRADE 5 SCIENCE

In fifth grade science, students are expected to analyze the information that is presented to them. This means that your child will have the chance to get hands-on with learning through a variety of experiments. Children should then be able to come up with questions and conclusions regarding the subject matter. Track your child's progress throughout the year with this checklist.

LIFE CYCLE

- Describe the process in which animals' food derives from energy created by the sun
- Explain that plants receive the necessary materials for growth from air and water
- Recognize and explain that matter, which is not food, is changed by plants into matter that can be used as food

INVESTIGATION

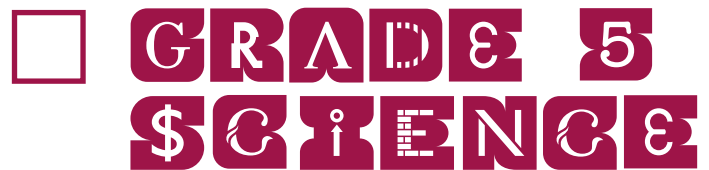
- Create models that help describe matter made from particles that are too small to see, such as atoms
- Use measurements and graphs to prove that the total weight of matter is not changed by heating, cooling or a mixture of substances
- Identify different materials based on their properties through observation and measurement
- Determine whether or not mixing two or more substances will result in a new one through investigation

ENVIRONMENT

- Understand interactions that occur between the geosphere, biosphere, hydrosphere and/or atmosphere
- Provide evidence for the distribution of water on Earth with percentages of water located in reservoirs
- Collect information regarding community efforts for the use of science in protecting resources and the environment

THE EARTH & SKY

- Comprehend that Earth's gravitational force directs objects downward
- Recognize that differences in brightness between the sun and Earth is due to distance from Earth
- Use graphs to display patterns of daily changes related to shadows, day and night and the seasonal appearance of stars



From the sky to the depths of the sea, there is a great deal of information for fifth grade students to master in science. Help your child learn by asking him/her to explain lesson plans that take place each day.