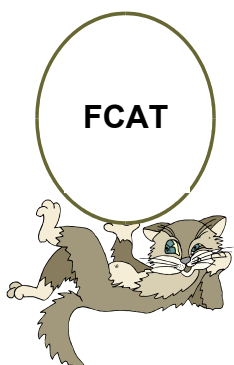


# Science FCAT Glossary by Grades 3-5

## Fourth grade

## Fifth grade



*This vocabulary list is a resource to assist teachers in the development of science concepts. These concepts and words can be introduced at or before the specified grade level. Students should have a clear understanding of these concepts and words by the end of fifth grade. These concepts spiral throughout the curriculum to enhance understanding and learning in grades 3-5 and 6-8.*

## Third grade

- physical change
- physical property
- tools (stopwatch, compass, etc.)
- heat/light energy
- heat transfer
- conductor /insulator
- gravity
- friction
- net force
- speed/distance/direction
- Earth's crust, mantle, outer/inner cores
- rocks/minerals
- chemical/mechanical weathering
- erosion
- planets
- vertebrate/invertebrate
- photosynthesis
- food web
- carnivore/herbivore/omnivore
- variables (manipulated, responding...)
- application
- scientific processes
- volume
- mixture/solution
- chemical change
- chemical property
- element/compound
- magnetism
- electricity
- electrical circuits (series, parallel)
- electromagnetism
- energy forms
- transfer of energy
- kinetic/potential energy
- simple machines
- Earth's surface changes (rapid vs. slow)
- water cycle stages
- solar system
- seasons
- universe
- major organ systems
- environment
- population
- producer/consumer/decomposer
- density
- water displacement
- microscope
- conduction/convection/radiation
- wavelength
- frequency
- reflection/refraction
- medium (air, water, wood, etc.)
- pitch
- energy sources
- renewable/nonrenewable resources
- conservation
- moon phases
- galaxy
- cell/tissue/organ
- cell parts/cell functions
- plant/animal similar structures
- protist
- inheritance
- interaction
- ecosystem
- interdependency