

# PARENT A GLANCE

Find out what your child is **learning** and how to **help**.



SUBJ.	Biology	Chemistry	Environmental Systems	Integrated Physics and Chemistry	Physics
Ideas students are learning	Nature of Science, Cellular processes, Genetics, viruses	Nature of Science, Genetics, Solution Chemistry, Law of Conservation of Energy, Bacteria, Viruses, Kingdoms, Cellular Processes, and Trophic Levels	Nature of Science expectations, Biology Review for TAKS, Planning and implementing labs.	Energy, radiation, conduction, convection, electricity, magnetism, alternative energy	Nature of Science expectations, Biology Review for TAKS, Planning and implementing labs, Review of Kinematic formulas energy transfers.
Skills	Students should be able to use the scientific method to solve everyday problems.	Students should be able to use the scientific method to solve everyday problems.	Students should be able to use the scientific method to solve everyday problems .	Students should be able to use the scientific method to solve everyday problems.	Students should be able to use the scientific method to solve everyday problems including making accurate measurements and deductions based on data.
Work and assignments to look for	Several Lab write ups from a Menthos Lab, cellular process lab, virus and bacteria lab.	Several Lab write ups from a Menthos Lab, Solubility lab, and a Conservation of Energy lab.	Graphs, charts, and communicating paragraphs for conclusions relating to the labs.	Several lab write ups from heat labs, electricity and magnetism labs	Graphs, charts, and communicating paragraphs for conclusions relating to the labs.
Questions Parents Can Ask	What is a cell? How do our cells carry information? What is lab safety? How are bacteria helpful and harmful? Is a virus living or non-living?	Can you name 3 some common energy transformations in your home? What affects keeping the CO <sub>2</sub> in your soda? What affects the mixing of Kool Aid?	How do you know if a question can be tested scientifically? Can you make accurate measurements using equipment? Can you communicate conclusions	How is energy conserved in everyday situations? How are electricity and magnetism related? What are the economical and environmental impacts of using solar cells	How do you know if a question can be tested scientifically? Why is it possible to trace all energy in the world to either the sun or the formation of the planet?
Special Notes					