

Subject	Biology	Chemistry	Environmental Systems	Integrated Physics and Chemistry	Physics
Ideas students are learning	Safety, Scientific Investigation, Prokaryotic and Eukaryotic Cells, and Cellular Structures and Processes	Safety, Scientific Investigations, Classification of Matter, Physical and Chemical Properties, Periodic Table	Safety, Scientific Investigations, Identification of lab equipment, Sustainability of Life	Safety, Scientific Investigations, Classification of Matter, Physical and Chemical Properties	Safety, Scientific Investigations, Measurements, Inertia, Linear Motion, and Newton's Laws
Skills	Students should be able to design and conduct safe scientific investigations in the lab or field.	Students should be able to design and conduct safe scientific investigations in the lab or field.	Students should be able to design and conduct safe scientific investigations in the lab or field.	Students should be able to design and conduct safe scientific investigations in the lab or field.	Students should be able to design and conduct safe scientific investigations in the lab or field.
Work and assignments to look for	Class syllabus, Science notebook, Safety quiz, Lab write-ups, The Egg model, and Systems project	Class syllabus, Science notebook, Safety quiz, Lab write-ups, Vocabulary cards, and Homework assignments	Class syllabus, Science notebook, Safety quiz, Lab write-ups, Environmental Issues, and Measurement Lab	Class syllabus, Science notebook, Safety quiz, Lab write-ups, Safety cartoon, Cube Activity	Class syllabus, Science notebook, Safety quiz, Lab write-ups, Graphs, and homework from textbook
Questions Parents Can Ask	What are 3 safety rules for all lab activities? What makes a good hypothesis? What is the roll of the cell membrane?	What are 3 safety rules for all lab activities? What are elements, a compounds and mixtures. What is the periodic table?	What are 3 safety rules for all lab activities? What do all things need to live? What equipment is used to measure 30ml of water?	What are 3 safety rules for all lab activities? Is an iron nail an element, compound or mixture? What is an element?	What measurements and equipment would you use to find the speed of a toy car moving across the floor?
Special Notes	Students are required to have a science notebook. Please read the class syllabus and information sheet .	Students are required to have a science notebook. Please read the class syllabus and information sheet .	The interactive science notebook is designed to help students organize and study topics. Please encourage nightly review.	Students are required to have a science notebook. Please read the class syllabus and information sheet .	Students are required to have a science notebook. Please read the class syllabus and information sheet .