

Syllabus: Physical Science A for Credit Recovery

CDLS Credit Recovery (CR) courses are designed for students who have taken a course and failed it. CR courses are organized so that students can take a pre-test for each lesson/unit. If the student passes the pre-test at a 75% mastery level, the student can move on to the next lesson/unit. All lessons/units must be passed at a 75% mastery level to complete the CR course.

Science is the study of the natural world. It relies on experimentation and evidence to describe the natural events that occur around us. Physical science is the study of matter and energy. In Physical Science A, you'll describe the atomic and molecular structure of substances using models. You will investigate how chemical reactions involve energy and lead to changes in properties of substances. You'll also model different kinds of forces and the effect they have on the motion of objects. You'll solve problems involving work and power and apply these principles to simple machines. Finally, you will see how simple machines make up more complex machines that are important in our lives.