

SCIENCE SKILLS
Level 6.0 – 8.9 (Pre-GED) LCP C

Student: _____	ID# _____	Entry Date: _____
Institution: _____		Date Achieved: _____
Site: _____		Instructor(s): _____

Instructor's Initials	Date	Standard 3.0
		03.01 Recognize methods, standards and ethics of scientific inquiry (including careful observation, accurate record keeping and the ability to replicate results), and describe these steps in systematic experimentation. (SC.H.1.3.1, SC.H.1.3.2, SC.H.1.3.3, SC.H.1.3.4, SC.H.1.3.5, SC.H.1.3.6, SC.H.1.3.7)
		03.02 Describe properties of matter and understand basic principles of atomic theory. (SC.A.1.3.1, SC.A.1.3.2, SC.A.1.3.3, SC.A.1.3.4, SC.A.1.3.5, SC.A.1.3.6, SC.A.2.3.1, SC.A.2.3.2, SC.A.2.3.3)
		03.03 Understand that science, technology and society are inter-woven and interdependent. (SC.H.2.3.1, SC.H.3.3.1, SC.H.3.3.2, SC.H.3.3.3, SC.H.3.3.4, SC.H.3.3.5, SC.H.3.3.6, SC.H.3.3.7)
		03.04 Understand the competitive, interdependent and cyclical nature of living things in the environment and the consequences of altering the equilibrium in ecosystems. (SC.G.1.3.1, SC.G.1.3.2, SC.G.1.3.3, SC.G.1.3.4, SC.G.1.3.5, SC.G.2.3.1, SC.G.2.3.2, SC.G.2.3.3, SC.G.2.3.4, SS.B.2.3.6, AT.2.1.3.1, AT.7.1.3.1, AT.8.1.3.2)
		03.05 Analyze scientific data and make predictions related to the information. (SC.H.1.3.7, SC.H.2.3.1, LA.A.2.3.1, LA.A.2.3.8)
		03.06 Understand, interpret and explain graphic models and stimuli such as diagrams, photographs, drawings, maps, graphs, charts and tables. (SC.H.1.3.7, SC.H.2.3.1, SC.H.3.3.7, LA.B.2.3.1, MA.E.3.3.1)
		03.07 Recognize that energy interacts with matter and that energy may be changed in form. (SC.B.1.3.1, SC.B.1.3.2, SC.B.1.3.3, SC.B.1.3.4, SC.B.1.3.5, SC.B.1.3.6, SC.B.2.3.1, SC.B.2.3.2)
		03.08 Understand that types and effects of force and motion can be described, measured and predicted. (SC.C.1.3.1, SC.C.1.3.2, SC.C.2.3.1, SC.C.2.3.2, SC.C.2.3.3, SC.C.2.3.4, SC.C.2.3.5, SC.C.2.3.6, SC.C.2.3.7)
		03.09 Recognize that mechanical, chemical and life processes interact to shape the earth and those natural processes need protection. (SC.D.1.3.1, SC.D.1.3.2, SC.D.1.3.3, SC.D.1.3.4, SC.D.2.3.1)
		03.10 Recognize the organization and interaction within the vast universe and solar system and how life on earth is affected. (SC.E.1.3.1, SC.E.1.3.2, SC.E.1.3.3, SC.E.1.3.4, SC.E.2.3.1)
		03.11 Describe pattern of structure, function and genetics in living things. (SC.F.1.3.1, SC.F.1.3.2, SC.F.1.3.3, SC.F.1.3.4, SC.F.1.3.5, SC.F.1.3.6, SC.F.1.3.7, SC.F.2.3.1, SC.F.2.3.2, SC.F.2.3.3, SC.F.2.3.4)