



Chemistry: Pesticide Resistance Lab

Next Generation Sunshine State Standards

These NGSSS standards are taught or reinforced as a result of participating in this program.



SC.912.N.1.2- Describe and explain what characterizes science and its methods.

SC.912.N.4.1- Explain how scientific knowledge and reasoning provide an empirically-based perspective to inform society's decision making.

SC.912.N.4.2- Weigh the merits of alternative strategies for solving a specific societal problem by comparing a number of different costs and benefits, such as human, economic, and environmental.

SC.912.L.14.6- Explain the significance of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.

SC.912.L.14.24- Identify the general parts of a synapse and describe the physiology of signal transmission across a synapse.

SC.912.L.17.6- Compare and contrast the relationships among organisms, including predation, parasitism, competition, commensalism, and mutualism.

SC.912.L.17.16- Discuss the large-scale environmental impacts resulting from human activity, including waste spills, oil spills, runoff, greenhouse gases, ozone depletion, and water pollution.

SC.912.L.17.15- Discuss the effects of technology on environmental quality.

HE.912.C.1.8- Analyze strategies for prevention, detection, and treatment of communicable and chronic disease.

