

Glen Crest Grade 6 Science Goals

Reporting Topic #1: Scientific Inquiry
Goal 1: I can develop an explanation to a question.
Goal 2: I know what needs to be considered when I test my explanation.
Goal 3: I know how to interpret the results of an experiment
Goal 4: I know how report my interpretation of an experiment.
Reporting Topic #2: Technology and Applied Science
Goal 5: I can identify a problem to which a design solution may be applied.
Goal 6: I can plan a design that will address a problem.
Goal 7: I can interpret the results of a prototype test.
Goal 8: I can communicate the results of my design process.
Reporting Topic #3: Scientific Practices and Critical Thinking
Goal 9: I can determine whether claims are scientific or pseudoscientific.
Goal 10: I can investigate the ethical issues involved in science and its technological applications.
Goal 11: I can describe the social value of the earth and space sciences.
Goal 12: I can describe what the science of climatology tells about how humans interact with Earth's resources.
Reporting Topic #4: Physics & Chemistry
Goal 13: I can define work as it pertains to the operation of simple machines.
Goal 14: I can describe what electricity is and how it moves.
Reporting Topic #5: The Earth Sciences
Goal 15: I can predict and explain weather events with data collected using tools.
Goal 16: I can describe the atmosphere and how it gives rise to various weather-related phenomena.
Goal 17: I can describe the behavior or oceanic systems.
Goal 18: I can describe why the Theory of Plate Tectonics is considered the most important explanation in geology.
Reporting Topic #6: Astronomy
Goal 19: I can describe what astronomy tells about how the Sun, Earth, and Moon move relative to one another.
Goal 20: I can describe how the Moon and Earth interact with one another.
Goal 21: I can describe the birth, life, and death cycle of stars.
Reporting Topic #7: Biology