

Glen Crest Grade 7 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 biological sciences.

Reporting Topic #4: Physics & Chemistry

Reporting Topic #5: The Earth Sciences

Reporting Topic #6: Astronomy

Reporting Topic #7: Biology

- Goal 12: I can classify living things.
- Goal 13: I can describe the parts and actions of cells.
- Goal 14: I can describe the process of cell reproduction.
- Goal 15: I can describe what genetics tells me about how cells pass along information.
- Goal 16: I can classify plants and describe their features.
- Goal 17: I can describe the constituent parts of ecosystems and how they interact.
- Goal 18: I can describe what the Theory of Evolution explains and why it is considered the most important explanation in the life sciences.