



Amazing Architecture

Social Studies Literacy Elements for Grades 3-8

- A. Distinguish between past, present, and future time.
- E. Explain change and continuity over time.
- F. Ask geographic questions: Where is it located? Why is it there? What is significant about its location? How is its locations related to that of the other people, places, and environments?
- K. Use texts, photographs, and documents to observe and interpret social studies trends and relationships.
- L. Interpret calendars, time lines, maps, charts, tables, graphs, flow charts, diagrams, documents, letters, censuses, and other artifacts.
- O. Consider multiple perspectives of documents and stories.

Mathematics Standards for Grade 3

- 3.3.A Recognize, describe, extend and create a wide variety of patterns.
- 3.3.C Represent, discuss and describe mathematical relationships and make generalizations based on observed patterns and relationships.
- 3.3.E Connect patterns, relationships, and functions with other aspects of mathematics and with other disciplines.
- 3.4.A Describe and model two-dimensional geometric shapes to develop a spatial sense.
- 3.4.B Identify, classify and compare geometric shapes according to their attributes.
- 3.4.E Explore informally symmetry, congruence, similarity and scale.
- 3.4.G Identify and appreciate geometry in the world around them including applications in science, art and architecture.

Science Standards for Grade 3-5

- I.A.1.a Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change.
- I.B.1.a Ask a question about objects and events in the environment.

Mathematics for Grades 4-5

- 3.A Use concrete models to explore, recognize, describe, extend, analyze and create a wide variety of patterns.
- 3.C Analyze and predict functional relationships and make generalizations based on observed patterns.
- 3.E Connect patterns, relationships and functions with other aspects of mathematics and with other disciplines.
- 4.B Identify, describe, classify and compare two-dimensional geometric shapes, figures, and models according to their attributes.
- 4.E Explore symmetry, similarity, and scale.
- 4.G Connect geometry and spatial sense to other aspects of mathematics and to other disciplines.