USDE Science Content Standards -- Draft Nov. 1994

Content Standard A: Science as Inquiry

1. All students should develop abilities necessary to do scientific inquiry.
2. All students should develop understandings about scientific inquiry.

Content Standard B: Physical Science

1. All students should develop an understanding of properties of objects and materials.
2. All students should develop an understanding of position and motion of objects.
3. All students should develop an understanding of light, heat, electricity, and magnetism.

Content Standard C: Life Science

1. All students should develop an understanding of characteristics of organisms.
2. All students should develop an understanding of life cycles of organisms.
3. All students should develop an understanding of organisms and environments.

Content Standard D: Earth and Space Science

1. All students should develop an understanding of properties of earth materials.
2. All students should develop an understanding of objects in the sky.

Content Standard E: Science and Technology

1. All students should develop: abilities to distinguish between natural objects and objects made by humans.
2. All students should develop abilities of technological design.
3. All students should develop understanding about science and technology.

Content Standard F: Science in Personal and Social Perspectives

1. All students should develop an understanding of personal health.
2. All students should develop an understanding of characteristics and changes in populations.
3. All students should develop an understanding of types of resources.
4. All students should develop an understanding of changes in environments.
5. All students should develop an understanding of science and technology in local challenges.

Content Standard G: History and Nature of Science

1. All students should develop an understanding of science as a human endeavor.

Content Standard H: Unifying Concepts and Processes

1. All students should develop an understanding of order and organization.
2. All students should develop an understanding of evidence, models, and explanation.
3. All students should develop an understanding of change, constancy, and measurement.
4. All students should develop an understanding of evolution and equilibrium.
5. All students should develop an understanding of form and function.