

Correlations of Science Works Software to Science Standards Grades K-4:

CONTENT STANDARD A: Software: SlideWorks, SkyWorks, Rocks and Minerals, LeafWorks

As a result of activities in grades K-4, all students should develop

- **Abilities necessary to do scientific inquiry**
- **Understanding about scientific inquiry**

CONTENT STANDARD B: Software: Discover The Elements, Rocks and Minerals, LeafWorks

As a result of the activities in grades K-4, all students should develop an understanding of

- **Properties of objects and materials**
- **Position and motion of objects**
- **Light, heat, electricity, and magnetism**

CONTENT STANDARD C: Software: SlideWorks, LeafWorks

As a result of activities in grades K-4, all students should develop understanding of

- **The characteristics of organisms**
- **Life cycles of organisms**
- **Organisms and environments**

CONTENT STANDARD D: Software: Slideworks, SkyWorks, Rocks and Minerals, LeafWorks

As a result of their activities in grades K-4, all students should develop an understanding of

- **Properties of earth materials**
- **Objects in the sky**
- **Changes in earth and sky**

CONTENT STANDARD E: Software: SlideWorks, Rocks and Minerals
As a result of activities in grades K-4, all students should develop

- **Abilities of technological design**
- **Understanding about science and technology**
- **Abilities to distinguish between natural objects and objects made by humans**

CONTENT STANDARD G: Software: Discover The Elements, Skyworks
As a result of activities in grades K-4, all students should develop understanding of

- **Science as a human endeavor**

Correlations of Science Works Software to Science Standards Grades 5-8:

CONTENT STANDARD A: Software: SlideWorks, Rocks and Minerals, DissectionWorks, Discover The Elements

As a result of activities in grades 5-8, all students should develop

- **Abilities necessary to do scientific inquiry**
- **Understandings about scientific inquiry**

CONTENT STANDARD B: Software: SlideWorks, Discover The Elements, Rocks and Minerals

As a result of their activities in grades 5-8, all students should develop an understanding of

- **Properties and changes of properties in matter**
- **Motions and forces**
- **Transfer of energy**

- **CONTENT STANDARD C: Software: SlideWorks, DissectionWorks, Leafworks**

As a result of their activities in grades 5-8, all students should develop understanding of

- **Structure and function in living systems**
- **Reproduction and heredity**
- **Regulation and behavior**
- **Populations and ecosystems**
- **Diversity and adaptations of organisms**

CONTENT STANDARD D: Software: SkyWorks, Rocks and Minerals,

As a result of their activities in grades 5-8, all students should develop an understanding of

- **Structure of the earth system**
- **Earth's history**
- **Earth in the solar system**

CONTENT STANDARD E: Software: SlideWorks, SkyWorks, Rocks and Minerals, DissectionWorks, Discover The Elements, Leafworks

As a result of activities in grades 5-8, all students should develop

- **Abilities of technological design**
- **Understandings about science and technology**

CONTENT STANDARD G: Software: SlideWorks, SkyWorks, Rocks and Minerals, DissectionWorks, Discover The Elements

As a result of activities in grades 5-8, all students should develop understanding of

- **Science as a human endeavor**
- **Nature of science**
- **History of science**

Correlations of Science Works Software to Science Standards Grades 9-12:

CONTENT STANDARD A: Software: Rocks and Minerals, DissectionWorks, CatWorks, Discover The Elements, Leaf Works

As a result of activities in grades 9-12, all students should develop

- **Abilities necessary to do scientific inquiry**
- **Understandings about scientific inquiry**

CONTENT STANDARD B: Software: Discover The Elements, SlideWorks

As a result of their activities in grades 9-12, all students should develop an understanding of

- **Structure of atoms**
- **Structure and properties of matter**
- **Chemical reactions**
- **Motions and forces**
- **Conservation of energy and increase in disorder**
- **Interactions of energy and matter**

CONTENT STANDARD C: Software: DissectionWorks, CatWorks, SlideWorks

As a result of their activities in grades 9-12, all students should develop understanding of

- **The cell**
- **Molecular basis of heredity**
- **Biological evolution**
- **Interdependence of organisms**
- **Matter, energy, and organization in living systems**
- **Behavior of organisms**

CONTENT STANDARD D: Software: Rocks and Minerals

As a result of their activities in grades 9-12, all students should develop an understanding of

- **Energy in the earth system**
- **Geochemical cycles**
- **Origin and evolution of the earth system**
- **Origin and evolution of the universe**

CONTENT STANDARD E: Software: Rocks and Minerals, DissectionWorks, CatWorks, Discover The Elements

As a result of activities in grades 9-12, all students should develop

- **Abilities of technological design**
- **Understandings about science and technology**

CONTENT STANDARD F: Software: Rocks and Minerals, DissectionWorks, CatWorks, Discover The Elements, SlideWorks

As a result of activities in grades 9-12, all students should develop understanding of

- **Personal and community health**
- **Population growth**
- **Natural resources**
- **Environmental quality**
- **Natural and human-induced hazards**
- **Science and technology in local, national, and global challenges**

CONTENT STANDARD G: Software: Rocks and Minerals, DissectionWorks, CatWorks, Discover The Elements

As a result of activities in grades 9-12, all students should develop understanding of

- **Science as a human endeavor**
- **Nature of scientific knowledge**
- **Historical perspectives**