

# Grades K, 1, 2

Adopted 2013

## Understandings about the Nature of Science

### 1. Scientific Investigations Use a Variety of Methods AH.1

1. Science investigations begin with a question. K-2.AH.1.1
2. Scientist use different ways to study the world. K-2.AH.1.2

### 2. Scientific Knowledge is Based on Empirical Evidence AH.2

1. Scientists look for patterns and order when making observations about the world. K-2.AH.2.1

### 3. Scientific Knowledge is Open to Revision in Light of New Evidence AH.3

1. Science knowledge can change when new information is found. K-2.AH.3.1

### 4. Science Models, Laws, Mechanisms, and Theories Explain Natural Phenomena AH.4

1. Scientists use drawings, sketches, and models as a way to communicate ideas. K-2.AH.4.1
2. Scientists search for cause and effect relationships to explain natural events. K-2.AH.4.2

### 5. Science is a Way of Knowing AH.5

1. Science knowledge helps us know about the world. K-2.AH.5.1

### 6. Scientific Knowledge Assumes an Order and Consistency in Natural Systems AH.6

1. Science assumes natural events happen today as they happened in the past. K-2.AH.6.1
2. Many events are repeated. K-2.AH.6.2

### 7. Science is a Human Endeavor AH.7

1. People have practiced science for a long time. K-2.AH.7.1
2. Men and women of diverse backgrounds are scientists and engineers. K-2.AH.7.2

### 8. Science Addresses Questions About the Natural and Material World. AH.8

1. Scientists study the natural and material world. K-2.AH.8.1