

## DCI: Earth's Place in the Universe

### 2.ESS1.C: The History of Planet Earth

Some events happen very quickly; others occur very slowly, over a time period much longer than one can observe. (2-ESS1-1)

## Performance Expectation

### 2-ESS1-1: Use information from several sources to provide evidence that Earth events can occur quickly or slowly.

**Clarification Statement:** Examples of events and timescales could include volcanic explosions and earthquakes, which happen quickly and erosion of rocks, which occurs slowly.

**Assessment Boundary:** Assessment does not include quantitative measurements of timescales.

## Science and Engineering Practice

### Constructing Explanations and Designing Solutions

Constructing explanations and designing solutions in K–2 builds on prior experiences and progresses to the use of evidence and ideas in constructing evidence-based accounts of natural phenomenon and designing solutions.

Make observations from several sources to construct an evidence-based account for natural phenomena. (2-ESS1-1)

## Crosscutting Concept

### Stability and Change

Things may change slowly or rapidly. (2-ESS1-1)

## Common Core State Standards for ELA/Literacy

### Reading Informational Text

#### RI.2.1 - Key Ideas and Details

Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text. (2-ESS1-1)

## Common Core State Standards for ELA/Literacy

### Reading Informational Text

#### RI.2.3 - Key Ideas and Details

Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text. (2-ESS1-1)

Common Core State Standards for ELA/Literacy

**Speaking & Listening**

**SL.2.2 - Comprehension and Collaboration**

Recount or describe key ideas or details from a text read aloud or information presented orally or through other media. (2-ESS1-1)

Common Core State Standards for ELA/Literacy

**Card Type name**

**W.2.6 - Production and Distribution of Writing**

With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers. (2-ESS1-1)

Common Core State Standards for ELA/Literacy

**Card Type name**

**W.2.7 - Research to Build and Present Knowledge**

Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations). (2-ESS1-1)

**Common Core State Standards for ELA/Literacy**

**Card Type name**

**W.2.8 - Research to Build and Present Knowledge**

Recall information from experiences or gather information from provided sources to answer a question. (2-ESS1-1)

**Common Core State Standards for Mathematics**

**Number & Operations in Base Ten**

**2.NBT.A - Understand place value.**

Understand place value. (2-ESS1-1)

**Common Core State Standards for Mathematics**

**Mathematical Practices**

**MP.2 - Reason abstractly and quantitatively**

CCSS text (2-ESS1-1)

**Common Core State Standards for Mathematics**

**Mathematical Practices**

**MP.4 - Model with mathematics**

CCSS text (2-ESS1-1)