



Earth Events: The Fast, the Slow, and Everything in Between

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Science
Grades K-2



Introduction

Some events on earth happen in the blink of an eye. A tornado can come and go in just a few minutes. A landslide can happen in seconds. Other earth events may take your entire lifetime, such as tectonic plates separating or rock eroding. What are some major earth events, and how long do they take?

Learning Objectives

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

Materials Needed

- Paper or board to brainstorm on
- iPad

Procedure

1. Ask students what types of weather they know about. Make a list on the board. Examples they may share could be tornados, rain, wind, hurricanes. Tell students that these are all different earth events, and most of these happen very quickly.
2. Explain to students that there are other types of earth events that happen much more slowly. Erosion and weathering are two examples. Show students a few pictures, using a simple Google search, of what erosion and weathering are.
3. Tell students that today they are going to choose one earth event that happens slowly and one that happens quickly. They are going to look up information on their two chosen events using the app Epic (or a Google search, if necessary or desired). Once students have two facts about their events, have them use Flipgrid to share out what they learned. Students should identify in their video if the event is a slow or rapid process.

Evaluation

Review students' Flipgrid videos to determine if they were able to identify two facts about their earth events and if they chose both a slow process event and a rapid process event.