7.2.2 e1 The Himalayas Narrative

Time: 50-90 minutes	**Anchor Phenomena:** The Himalayas are constantly changing, but not always at the same time or spatial scale.
Big Idea: The Earth's surfaces changes over time.	
CCCs Time and Spatial Scale	**Practices** **Construct an Explanation**

EPISODE SNAPSHOT

Students will learn about the formation of the Himalayas and current processes that continually change the mountains.

GATHERING

The Himalayas are the world's tallest mountain range and they are constantly changing, usually at a slow time scale. Students will work through curated articles to research the Himalayas and Mount Everest. (Teacher Hint: The articles can be presented online or printed. To help move the students around the classroom more, the information can be divided into stations.)

REASONING

While researching the information, students generate and answer their own questions to **construct an explanation** about how the Himalayas change over time. They must apply the information they research to the question of how the Himalayas have changed and are still changing.

COMMUNICATE

Students prepare an **explanation** for how the Earth's has changed over time. Discussion with the class would be an effective way to address misconceptions, or to make sure students recognize differences in time scale.

Assessment: Students write an effective explanation that uses evidence to support the idea that the Earth's surface changes over time.	**Materials, resources, handouts, etc.** ● 7.2.2 e1 The Himalayas ● Articles: ○ 7.2.2 e1 RemeasuringMtEverest or https://www.cnn.com/2017/01/25/asia/india-everest-earthquake/index.html ○ 7.2.2 e1 BirthOfTheHimalaya or https://www.pbs.org/wgbh/nova/everest/earth/birth.html ○ 7.2.2 e1 BirthofHimalayaPPT ○ 7.2.2 e1 HimalayaKidsDiscover or https://online.kidsdiscover.com/unit/destinations/topic/the-himalyas?ReturnUrl=/unit/destinations/topic/the-himalyas ○ 7.2.2 e1 HeightOfMountEverest