

When Earth Changes Lives

Trace how earthquakes and climate conditions affect people and communities.

6.5.A “describe ways people have been impacted by physical processes such as earthquakes and climate;”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each physical process, and circle each effect it has on people, so you can connect an event or climate condition to its human impact.

People Respond to Change

- ① In April 2015, a powerful earthquake struck Nepal. Shaking collapsed homes, schools, and historic buildings, especially in mountain villages. More than 8,000 people died, and many families lost relatives, shelter, and belongings. Landslides blocked roads, making it hard for rescuers to reach some communities. Afterward, people slept outdoors or under temporary shelters. Nepalese workers and aid groups brought food, water, and medical care while families began rebuilding safer homes and schools for the future in Nepal.
- ② Climate also affects people over many years, as well as during dangerous storms. In coastal Bangladesh, rising sea levels and cyclone-driven storm surges can push salty water onto farmland and into freshwater ponds. Salt can damage rice crops and make drinking water harder to find. Some families move inland when repeated flooding damages houses or reduces their income from farming and fishing. Others raise homes, grow salt-tolerant crops, or use rainwater collection systems at home.
- ③ Physical processes do not affect every person in the same way. A family with savings may repair a damaged house more quickly than a family without money or insurance. Farmers may lose crops, while shop owners lose customers when roads close. Communities can prepare by enforcing building rules, sharing warnings, planning evacuation routes, and protecting water supplies. These choices cannot stop an earthquake or change the climate immediately, but they can reduce harm and help people recover.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Describe two ways the 2015 earthquake affected people in Nepal.

2 How did landslides create another problem after the earthquake?

3 Explain how salty water can affect both food and water for people in coastal Bangladesh.

4 What does the passage show about why some people may recover more quickly than others after a physical process?

3 YOUR TURN _____ Your own words

Invent a coastal community facing a climate-related physical process, such as repeated flooding, drought, or extreme heat. In three sentences, explain two ways people are affected and one action the community takes to reduce harm.

PART 1 • READ AND MARK

Underline each physical process, and circle each effect it has on people, so you can connect an event or climate condition to its human impact. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Describe two ways the 2015 earthquake affected people in Nepal.	It killed more than 8,000 people and caused families to lose relatives, shelter, and belongings. It also collapsed homes and schools.
2	How did landslides create another problem after the earthquake?	They blocked roads, making it hard for rescuers to reach some communities.
3	Explain how salty water can affect both food and water for people in coastal Bangladesh.	Salt can damage rice crops, reducing food or farm income. It can also make freshwater harder to use for drinking.
4	What does the passage show about why some people may recover more quickly than others after a physical process?	Families with savings may be able to repair a damaged house more quickly than families without money or insurance.

PART 3 • YOUR TURN (SAMPLE ANSWER)

In the town of Solana, a long drought dries up wells and reduces bean harvests. Families spend more time carrying water, and farmers earn less money. The town opens a shared water station and teaches residents to save water at home.

Accept any realistic climate-related physical process, two clear impacts on people, and one action that could reduce harm. Students may use a different community and different examples than the passage.