

## GE6 UNIT 7 NATURE'S POWER 4

1. Read and complete the text about the formation of lightning with the words in the box:

electric charges	bump into	flash	ice crystals	temperature
connect	rises	storm	form	electricity

How does lightning happen in a storm? Lightning is \_\_\_\_\_ in the storm clouds in the sky. To understand how this \_\_\_\_\_ is made, we need to understand how a storm cloud is formed.

When the ground is warm, it makes warm, humid air which \_\_\_\_\_ to the sky. When it reaches the sky, the tiny drops of water in the air cool and \_\_\_\_\_ thunder clouds. At the top of the clouds, the \_\_\_\_\_ is very cold and the water turns into small pieces of ice. The storm winds cause the ice pieces to move around and \_\_\_\_\_ each other. This action creates \_\_\_\_\_. The cloud fills up with them. The tiny \_\_\_\_\_ have a positive charge and rise to the top of the cloud; the bigger pieces have a negative charge and sink to the bottom of the cloud. When the positive and negative charges grow very big, a huge \_\_\_\_\_ of lightning happens inside a cloud.

Sometimes lightning happens between the cloud and the ground. The negative electric charge at the bottom of the cloud attracts a positive charge on the ground and lightning strikes. This positive charge needs a tall object on the ground to \_\_\_\_\_ with the negative charge in the cloud.

**Answer the following questions:**

Do you think lightning is dangerous? Why?

\_\_\_\_\_

Complete the following **Lightning Safety Rules** using **IMPERATIVES**. There is one example.

### Lightning Safety Rules

DOs	DON'Ts
<ul style="list-style-type: none"> <li>• <b>Stay away</b> from open spaces such as parks, playgrounds, lakes, etc.</li> <li>• _____</li> <li>• _____</li> <li>• _____</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Don't</b> lie flat on the ground.</li> <li>• _____</li> <li>• _____</li> <li>• _____</li> </ul>

2. Complete the text with the **CONNECTING WORDS** in the box:







until (x2)	after (x1)	before(x2)	as soon as (x2)	while (x1)	However (x1)
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There are always signs \_\_\_\_\_ an earthquake happens; for example, there are power cuts and many animals behave strangely. We knew there was a problem \_\_\_\_\_ the room started shaking. We knew it could be serious, so we hid under a table and stayed there \_\_\_\_\_ the shaking stopped. We were so frightened. We held onto the table legs \_\_\_\_\_ things fell off the shelves and crashed to the floor. We knew an earthquake was happening. We waited \_\_\_\_\_ the room stopped moving. It stopped \_\_\_\_\_ a few minutes, but it seemed a lot longer.

\_\_\_\_\_ the shaking stopped, my brother wanted to get up and go outside. \_\_\_\_\_, we knew that we should wait a bit \_\_\_\_\_ we moved anywhere. When we were sure that everything was OK, we went outside to see what had happened. What a terrifying day!

3. Look at the pictures and complete the safety instructions using **the vocabulary that you've learned in unit 7 and the connecting words in exercise 2**:

**EARTHQUAKE SAFETY TIPS**

 <p>_____</p> <p>_____</p>	 <p>_____</p> <p>_____</p>	 <p>_____</p> <p>_____</p>
 <p>_____</p> <p>_____</p>	 <p>(elevator)</p> <p>_____</p> <p>_____</p>	 <p>_____</p> <p>_____</p>

