



Worksheets

“Explanation Text”

NAME:

NO. :

CLASS :



About Text

Choose the correct answer!

1. What is the function of explanation text?
 - a. To entertain the reader
 - b. To describe how and why a phenomenon happen
 - c. To describe something
 - d. To persuade the readers
2. Seismic, magma, and volcanic ash are the example of _____.
 - a. Adverb of time
 - b. Action verb
 - c. Conjunction
 - d. Technical terms
3. _____ is not the generic structure of explanation text.
 - a. Hypothesis
 - b. General statement about the event or thing
 - c. Explanation sequence
 - d. Conclusion
4. In what paragraph does the explanation text begin?
 - a. General statement paragraph
 - b. Series of paragraph that tell how and why
 - c. Concluding paragraph
 - d. Orientation paragraph
5. Which one is the title of explanation text?
 - a. Biography Ir. Soekarno
 - b. The hare and tortoise
 - c. How does rain occur?
 - d. How to make a cromboloni?
6. Explanation text is included in the type of fiction text.
 - a. True
 - b. False
7. Explanation texts are written in simple present tense.
 - a. True
 - b. False





Reading



Read the text below to answer questions 1-4!

Lightning

Lightning is a form of visible electric discharge between rain clouds or between a rain cloud and the earth. The discharge is seen in the form of a brilliant arc, sometimes several kilometers long, stretching between the discharge points. The discharge also sets up a sound wave that is heard as thunder.

How rain clouds become charged is not fully understood, but most rain clouds are negatively charged at the base and positively charged at the top. The various hypotheses that explain how the polarization occurs may be divided into two categories: those that require ice and those that do not. Most meteorologists believe that ice is a necessary factor, because lightning is not usually observed until ice has formed in the upper layers of thunderclouds. Experiments have shown that when dilute solutions of water are frozen the ice gains a negative charge but the water retains a positive charge. If, after freezing has started, rising air tears small droplets of water away from the frozen particles, the droplets are concentrated in the upper part of the cloud and the larger ice particles fall toward the base.

Taken from: Microsoft Encarta

1. What is the text about?
 - a. A sound wave
 - b. Clouds and rain
 - c. How lightning occurs
 - d. The forms of lightning
 - e. How rain clouds become charged



2. Which of the followings is TRUE based on the text?
- a. A sound wave is called a lightning
 - b. All rain clouds are negatively charged
 - c. Most rain clouds are positively charged at the base
 - d. Most meteorologists believe that ice is not a necessary factor
 - e. Lightning can be formed when there is ice in the atmosphere
3. What will happen when dilute solutions of water are frozen?
- a. The air is rising
 - b. The water is freezing
 - c. The ice gains a negative charge
 - d. The water retains a negative charge
 - e. The rising air tears small droplets of water
4. "...the droplets are concentrated in the upper part of the cloud..."
Which of the following words is closest in meaning with the underlined word?
- a. Diluted
 - b. Focused
 - c. Thought
 - d. Gathered
 - e. Completed

Find and write the main idea of the paragraph below!

Sand storms are spectacular to look at, but devastating to be in. Dust or sand storms have always bedeviled desert travelers who may become lost in them or even smothered by the sand they deposit. Sand storms occur when a strong wind whips up soil and sand particles into the atmosphere and carries them away. Sand storms can be so large that they are visible from space. Each year, forty million tons of dusts are carried from the Sahara to the Amazon basin. This removal of top soil can destroy agriculture or deposit necessary minerals. A wall of dust billowing out of the desert is one of the great images of the power of nature.

Taken from: listverse.com

MAIN IDEA:

Read the text below to answer questions 1-4!



Earthquake

Earthquake is one of the most destroying natural disasters. Unluckily it often happens in several regions. Recently a horrible earthquake has shaken West Sumatra. It has brought great damages. Why did it occur? Do you know how earthquake happens?

Earthquake usually caused when rock underground suddenly breaks along fault. This sudden release of energy causes the seismic wave. It makes the ground shake. When two blocks of rock or two plates are rubbing against each other, they stick a little. They don't just slide smoothly. The rocks are still pushing against each other, but not moving. After a while, the rocks break because of all the pressure that's built up. When the rocks break, the earthquake occurs.

During the earthquake and afterward, the plates or blocks of rock start moving, and they continue to move until they get stuck again. The spot underground where the rock breaks is called the focus of the earthquake. The place right above the focus is called the epicenter of the earthquake.

State true (T) or false (F) for the statement below!

1. Earthquake has happened in West Sumatra recently and caused tiny harm ☐
2. Earthquake is usually caused when rock on the ground suddenly breaks along fault ☐
3. The rocks don't move when two blocks of rock are rubbing against each other ☐
4. The epicenter of the earthquake is the spot underground where the rock break ☐



Writing



Change the verbs in the correct forms of passive voice!

1. Tornadoes _____ (know) to occur primarily in the Midwestern states of the United States, but can occur wherever the temperature mixes.
2. A tornado _____ (form) from the twisting of rising air.
3. Snow _____ (compose) of small ice particles; it is a granular material.
4. If the dam _____ (design) poorly or built in a place where earthquakes and or landslides occur, the dam will break and water flood the land.

Change the verbs in the correct forms of simple present tense!

1. Water _____ (boil) at one hundred degrees Celsius.
2. They _____ (study) English everyday.
3. The sun _____ (rise) in the east and sets in the west.
4. She _____ (write) an e-mail to her best friend.
5. I _____ (love) to play basketball.



Find the Connectors!

There are 5 word of chronological connectors, here!

E	T	P	F	I	R	S	T	P
X	H	A	T	H	A	G	B	C
V	E	U	M	G	F	Y	A	H
N	N	S	C	S	I	L	E	Q
L	R	D	F	G	N	J	I	H
C	A	Y	A	I	A	E	N	M
P	S	T	S	T	L	U	X	O
Z	A	X	E	G	L	L	K	T
A	S	H	N	R	Y	L	A	O
W	H	E	N	Y	U	G	H	Q
Z	V	S	A	L	M	O	A	W



Listening



Listen the video carefully and complete the text below based on the video!

How do X-rays work? It's (_____). X-rays are very high energy waves. They were accidentally (_____) by a physicist named Wilhelm Röntgen. As he did not know what they were, he named them "X-rays". X-rays can pass through many objects. But if an object's density is more, then these rays get (_____) and don't pass. Due to this property, X-rays are used to detect fractures, tumors, etc. To detect a fracture, X-rays are passed through our body which then hit an X-ray detector or a photographic film. Now, since our tissues are not dense enough. Much of the X-rays pass through them and get (_____) by the film. Thus casting a dark or grey shadow on the film. But as the bones are much denser, the rays get absorbed and hence, the bones appear white on the film. This allows doctors to have a look at the structure of bones and thus, spot the (_____).

confidential
fracture

absorbed
discovered

observed
detected



Speaking



Try to speak the paragraph below!

**SPEAK
NOW!**

Poverty



What is poverty? Poverty is hunger. Poverty is lack of shelter. Poverty is being sick and not being able to see a doctor. Poverty is not having access to school and not knowing how to read. Poverty is not having a job, is fear for the future, living one day at a time. Poverty is losing a child to illness brought about by unclean water. Poverty is powerlessness, lack of representation and freedom. Poverty is a call to action – for the poor and the wealthy alike – a call to change the world, so that many more may have enough to eat, adequate shelter, access to education and health, protection from violence, and a voice in what happens in their communities. Poverty is the state of being without, often associated with need, hardship, and lack of resources across a wide range of circumstances.

Taken from: www.ghypoverty.mmbriico.com

VOCABULARY

Match each picture to the correct vocabulary!



- earthquake



- unemployment



- flood



- lightning