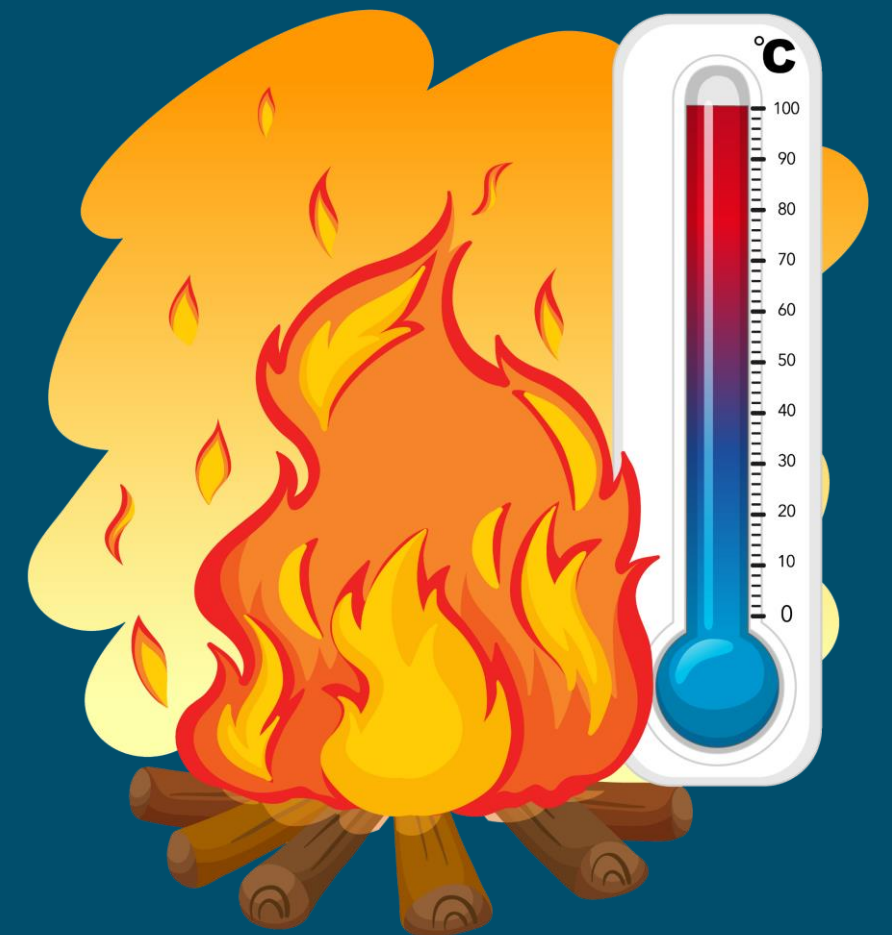


รายวิชา ภาษาอังกฤษ

รหัสวิชา อ22102 ชั้นมัธยมศึกษาปีที่ 2

Climate Change

ครูผู้สอน ครูวัลลภ ใจหมั่น





VDO ឆ្លងកាត់ ដោយ TBIT ពី pixabay



VDO ឯកសារ តែង Macb3t ទាន pixabay

Unit 4

Environments



Climate Change



จุดประสงค์การเรียนรู้

1. อ่านบทอ่านเกี่ยวกับ
Climate Change
แล้วระบุประโยคที่ถูกต้องได้

A stylized illustration on a dark teal background. A large, light blue hand with a thick brown outline is shown melting the Earth. The hand's fingers are pressing down on a globe that is partially green (land) and light blue (ocean). The top half of the globe is visible, showing North and South America. The bottom half of the globe is being melted into a pool of light blue liquid that is dripping down. There are several stylized clouds in shades of grey and blue around the base of the hand and the melting globe.

Six Degrees Could Change the World



**Watch the
Video**

ขอขอบคุณสื่อวีดีทัศน์



Six Degrees Could Change the World

โดย CNCNewsTV

<https://www.youtube.com/watch?v=xqwtXQeOsDI&feature=youtu.be>



Six Degrees Could Change the World

**Rising of Earth's
temperature at...**

**1-2
degrees**

**3-4
degrees**

**5-6
degrees**

**a. The Amazon could be
destroyed by big forest fires.**

**b. Major cities could be
underwater.**

**c. There would be no ice in
the Artic.**


ใบสื่อที่ 33.1 และ ใบงานที่ 33.3

True
or
False

Climate Change

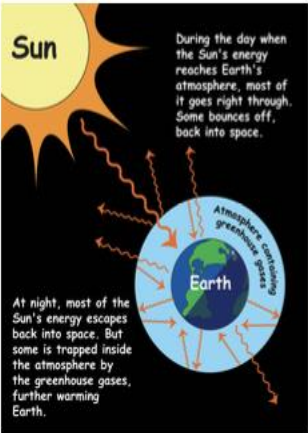
Climate Change

A polar bear walks along a rocky shore, looking for food. The bear would usually be on the sea ice hunting for seals, pouncing when the seal comes up to breathe. But the ice has started to melt earlier and re-form later than it has in the past. Without the sea ice, the polar bear must scavenge for other, less nutritious food.



A polar bear in very poor condition photographed on Svalbard.
https://assets3.thrillist.com/v1/image/2275503/size/sk-2017_04_article_main_desktop.jpg

These changes in polar sea ice **are a result of** climate change. But **this** isn't just **affecting** polar bears—climate change **affects** everyone.



During the day when the Sun's energy reaches Earth's atmosphere, most of it goes right through. Some bounces off, back into space.

At night, most of the Sun's energy escapes back into space. But some is trapped inside the atmosphere by the greenhouse gases, further warming Earth.

Weather changes day to day—sometimes it rains, other days it's hot. Climate is the pattern of the weather conditions over a long period of time for a large area. And climate can be affected by **Earth's atmosphere**.

Our Earth is surrounded by an atmosphere made up of gases. When sunlight enters our atmosphere, some of the sun's heat **is trapped by** the gas, and some **bounces back** out into space. By trapping that heat, our atmosphere keeps Earth warm enough to live on. Without **it**, our planet would be very cold, like Mars.

Many scientists agree that the Earth is now warming because of human activity. It is speeding up climate change. As mentioned above, sunlight enters the atmosphere, it passes the layer of greenhouse gases. Greenhouse gases occur naturally, but humans also create them by burning fossil fuels.

Climate change affects more than temperature. Warmer water changes the patterns of ocean currents and they affect global weather patterns. Some places will receive more rainfall. This could **lead to** flooding. Other places will get **less**. This might mean **drought**. Tropical storms could be stronger, and a continuing rise in sea level **due to** melting polar ice might push people out of their homes.

(Adapted from <https://kids.nationalgeographic.com/explore/science/climate-change/>)

Directions: Read the article 'Climate Change' then answer 'True' or 'False'.

- _____ 1. Polar bears usually hunt seals for food.
- _____ 2. Melting Arctic sea ice isn't affecting polar bears' survival.
- _____ 3. Climate change is affecting both people and animals.
- _____ 4. Climate can be affected by layer of gases surrounding Earth.
- _____ 5. Weather and climate are the same thing.
- _____ 6. Most of the sun's energy is reflected back to space.
- _____ 7. Earth's atmosphere is a layer of gases surrounding the Earth.
- _____ 8. Human activity is not the cause of climate change.

ใบงานที่ 33.3



True/False

T 1. Polar bears usually hunts seal for food.

The bear would usually be on the sea ice hunting for seals, pouncing when the seal comes up to breathe.

ใบงานที่ 33.3



True/False

F 2. Melting Artic sea ice isn't affecting polar bears' survival.

Without the sea ice, the polar bear must **scavenge for** other, less nutritious food.

These changes in polar sea are **a result of** climate change

ใบงานที่ 33.3



True/False

T 3. Climate change is affecting both people and animals.

But this isn't just affecting polar bears—climate change **affects everyone.**

ใบงานที่ 33.3



True/False

T 4. Climate can be affected by layer of gases surrounding Earth.

When sunlight enters our atmosphere, some of the sun's heat *is trapped by* the gas, and some *bounces back* out into space.

ใบงานที่ 33.3



True/False

F 5. Weather and climate are the same thing.

**Whether changes day to day.
Climate is the pattern of the weather conditions over a long period of time for a large area. And Climate can be affected by Earth's atmosphere.**

ใบงานที่ 33.3



True/False

F 6. Most of the sun's energy is reflected back to space.

Some of the sun's heat ***bounces back*** out into space.

ใบงานที่ 33.3



True/False

T 7. Earth's atmosphere is a layer of gases surrounding the Earth.

Our Earth is surrounded by an atmosphere made up of gases.

ใบงานที่ 33.3

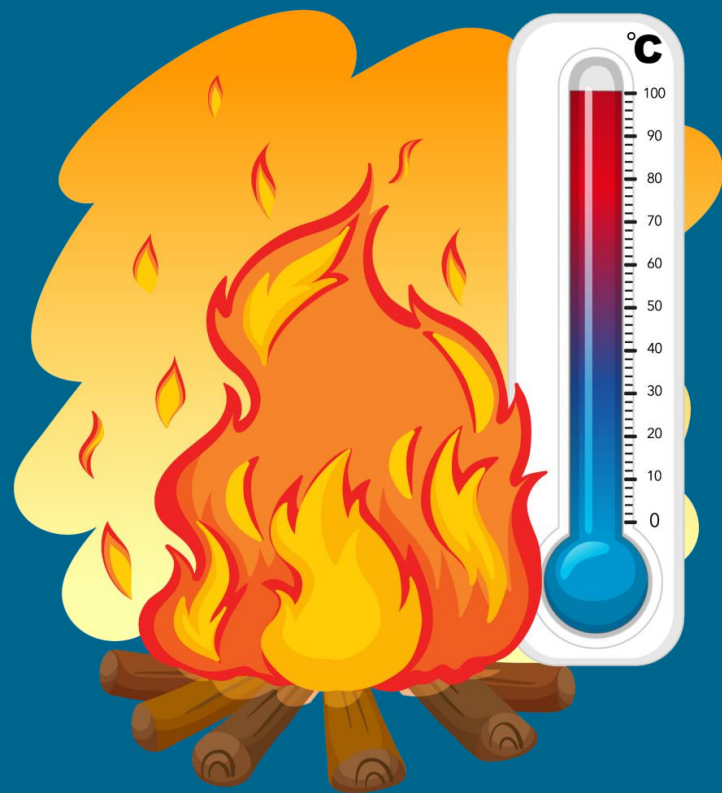


True/False

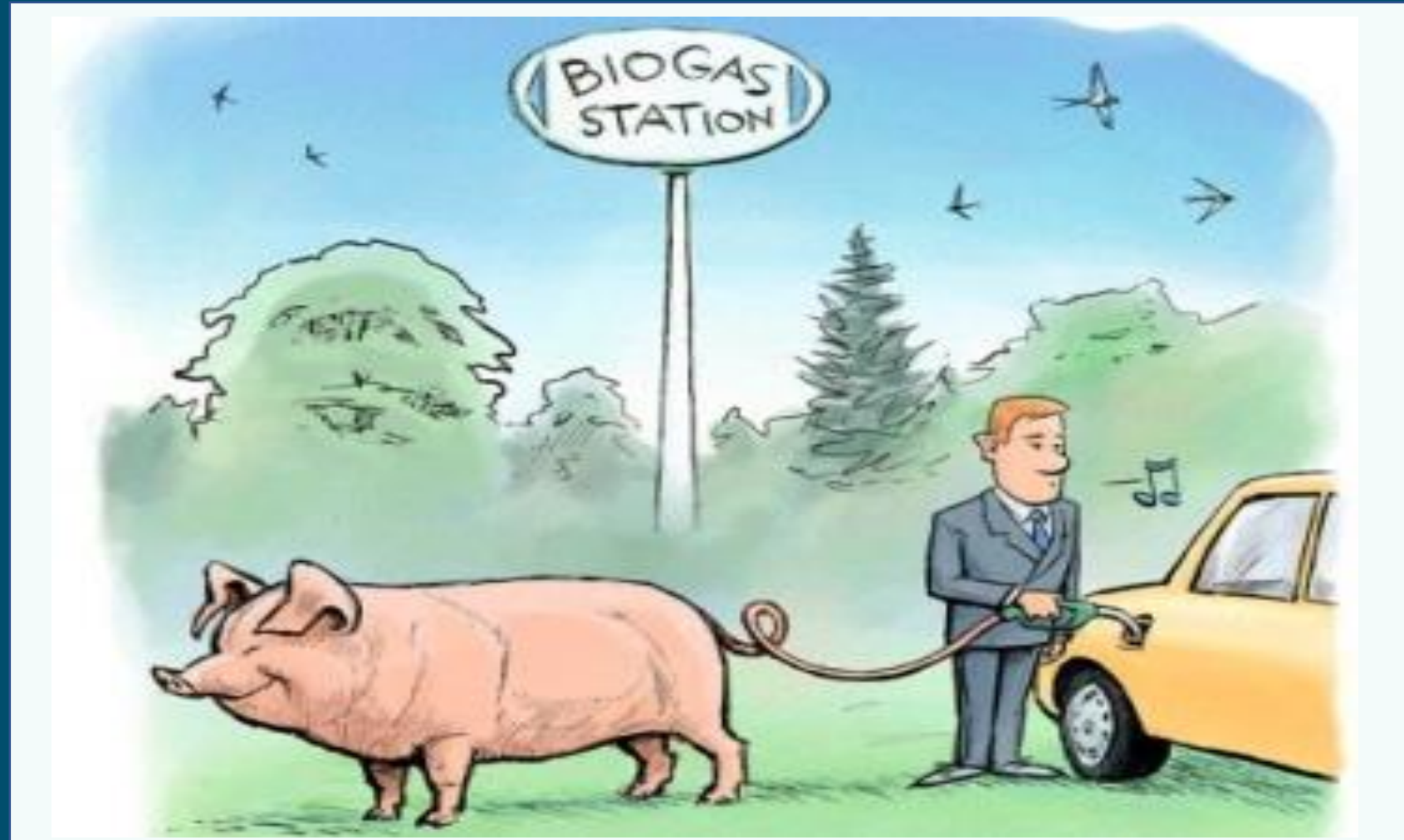
F 8. Human activity is not the cause of climate change.

Many scientist agree that the Earth is now warming because of human activity.

กิจกรรม



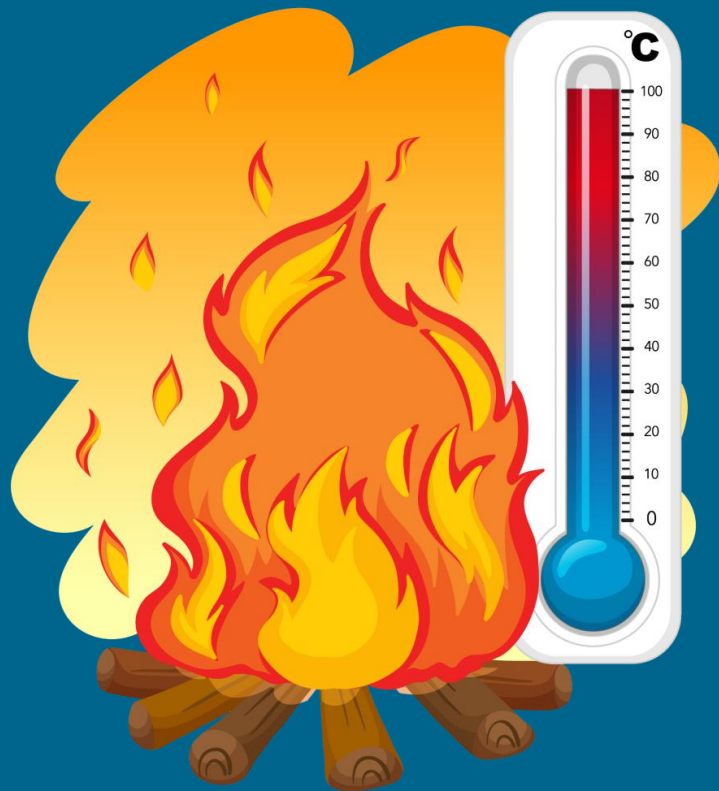
What does the picture mean?



Use green energy

What does the picture mean?

กิจกรรม

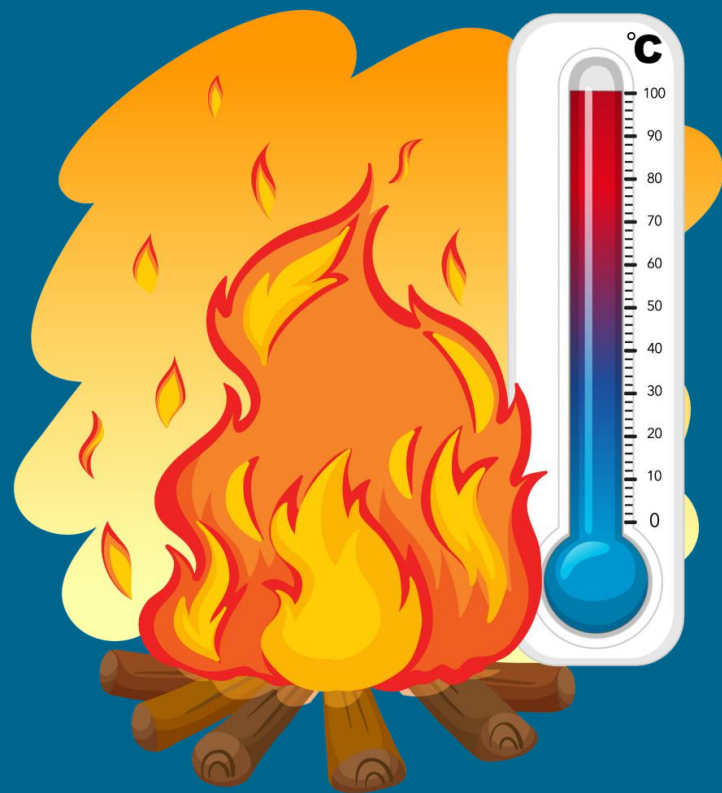


Stop deforestation

(-)

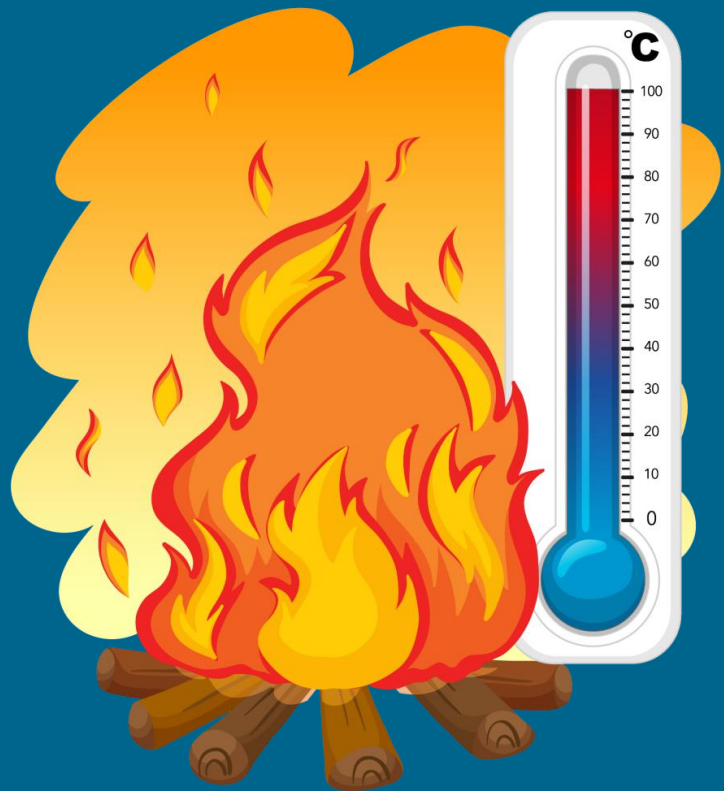
What does the picture mean?

กิจกรรม



Educate new generation

กิจกรรม

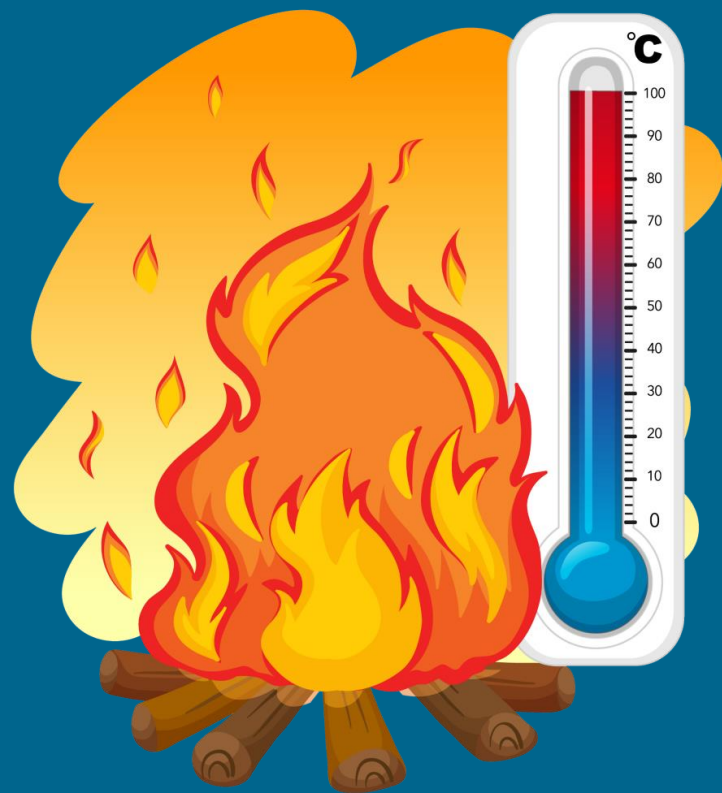


What does the picture mean?



**Use green and energy
efficient transport**

กิจกรรม

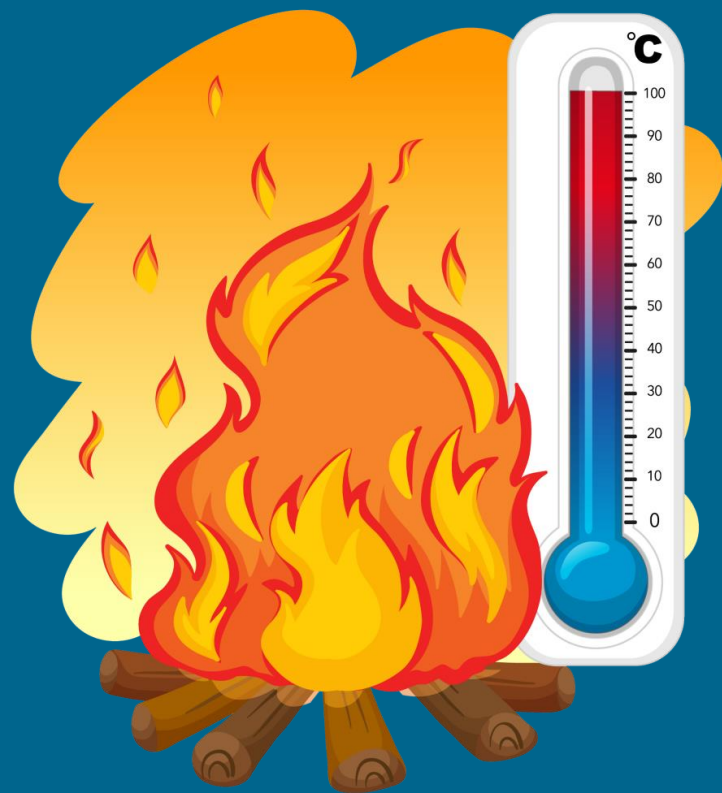


What does the picture mean?



**Increase plantation or
plant more trees**

กิจกรรม

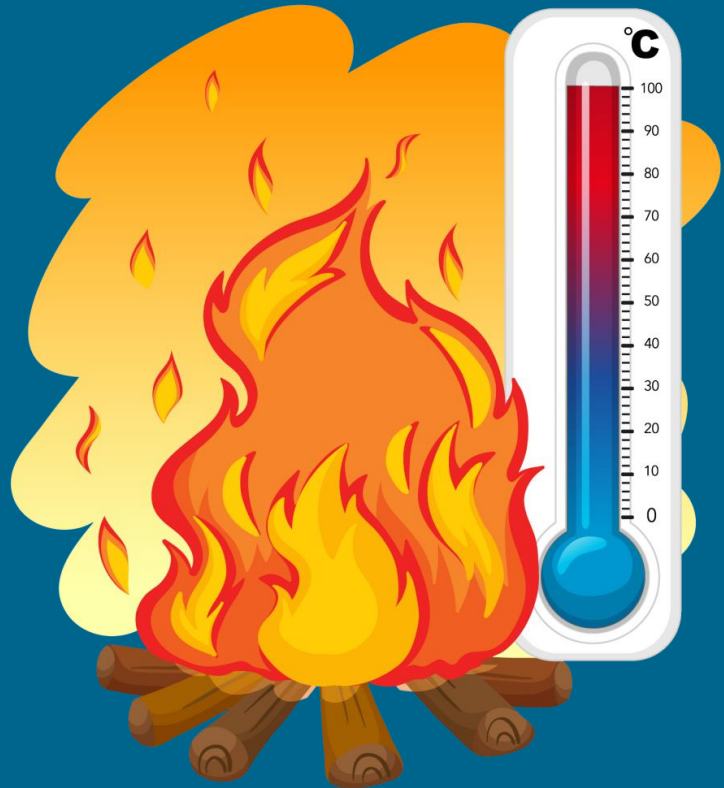


What does the picture mean?



**Make your home
environment friendly**

กิจกรรม

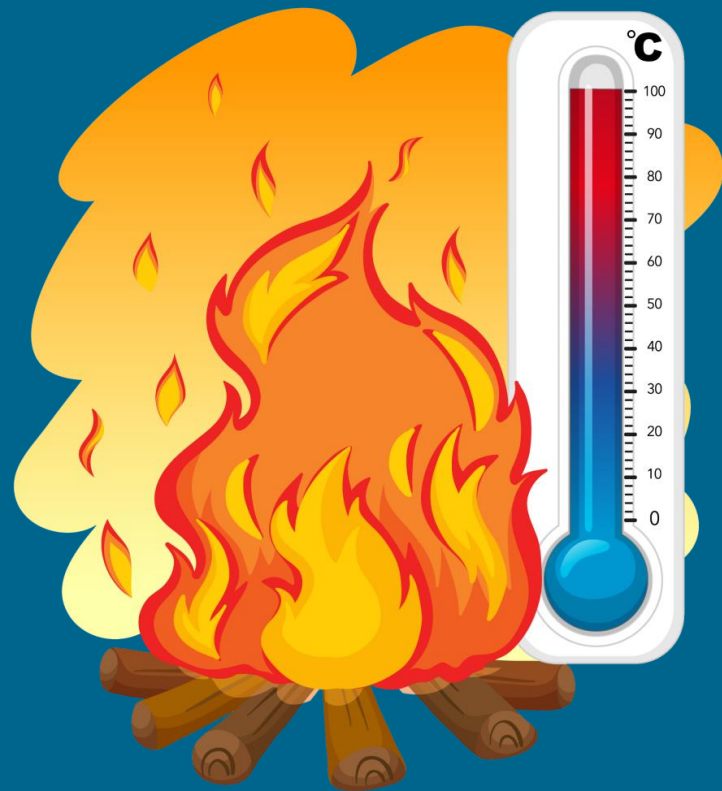


What does the picture mean?



Make awareness

กิจกรรม

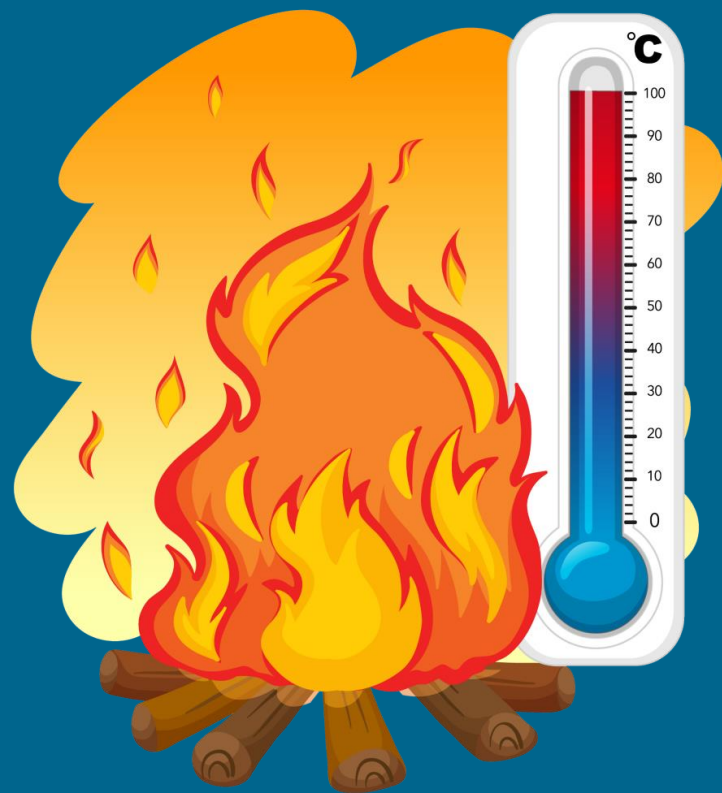


What does the picture mean?



Reduce, reuse, recycle

กิจกรรม

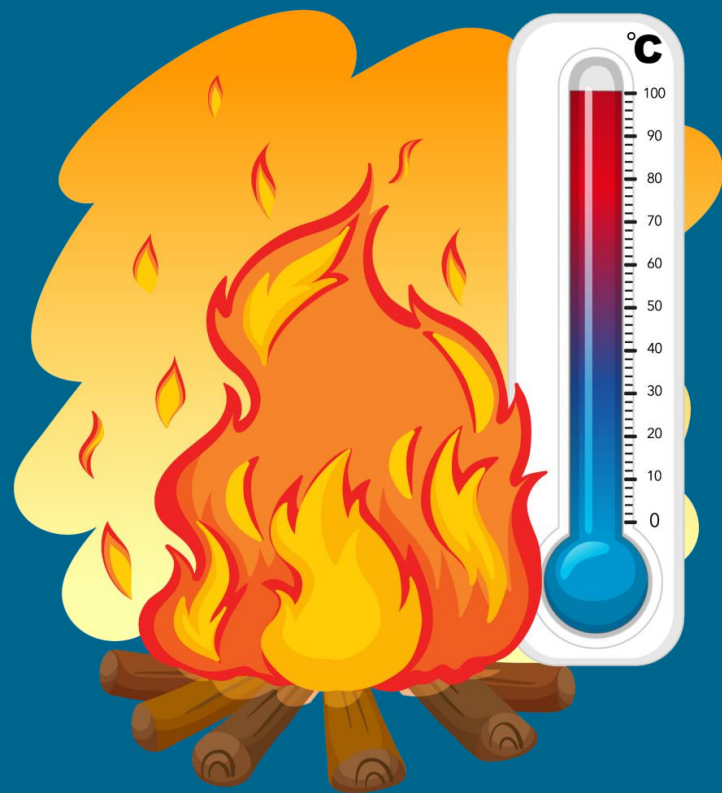


What does the picture mean?



**Make donation or give
care, share**

กิจกรรม



What does the picture mean?

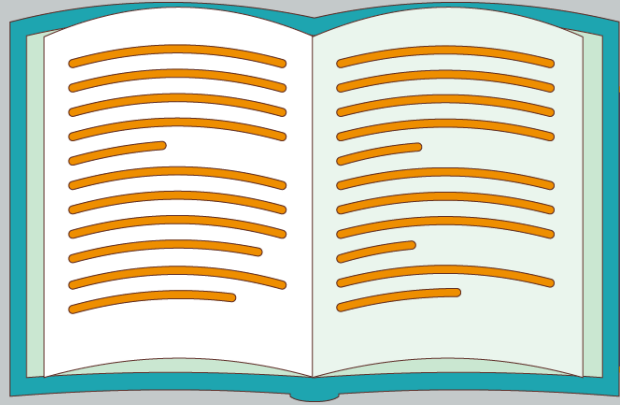


Buy green products

**What could be the effect
of climate change?**

Brainstorm





บทเรียนครั้งต่อไป

Pollution

สิ่งที่จะต้องเตรียม

01 ใบงานที่ 34.1 - 34.2

สามารถดาวน์โหลดได้ที่ www.dltv.ac.th

