



3



# SCIENCE

## Quarter 3 - Module 6

### Uses of Heat in Everyday Life



Name of Learner: \_\_\_\_\_

Grade & Section: \_\_\_\_\_

Name of School: \_\_\_\_\_

- JANUARY  
*Makugihon*
- FEBRUARY  
*Mahigugmaon*
- MARCH  
*Matinabungan*
- APRIL  
*Matinahuron*
- MAY  
*Mahapsay og Malimpyo*
- JUNE  
*Maabtik og Musunod sa  
Ihsakitong Oras*
- JULY  
*Maantigo og Maabilidad*
- AUGUST  
*Maginhuhunahunon  
para sa Uban*
- SEPTEMBER  
*Madaginoton*
- OCTOBER  
*Matinud-anon*
- NOVEMBER  
*Masaligan*
- DECEMBER  
*Maalampyon*

**Science – Grade 3**

**Support Material for Independent Learning Engagement (SMILE)**

**Quarter 3 – Module 6: Uses of Heat**

**First Edition, 2021**

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# Lesson 6

## Uses of Heat in Everyday Life



### What I Need to Know

This module was designed and written in a way that suits your understanding and needs. It is here to help you master in **describing the different uses of heat in everyday life (S3LT-IIIa-b-1)**. The scope of this module permits it to be used in many different learning situations. This module is about;

Lesson 6: Uses of Heat

Objective: Describe the different uses of heat in everyday life



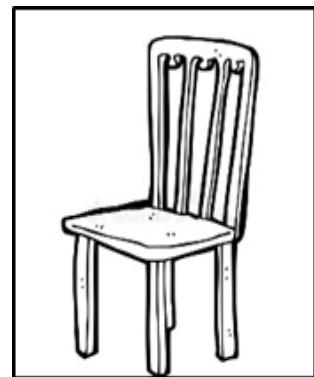
### What's In

**Directions:** Put a ☆ in the box beside the number if the object gives off heat and ○ if not.

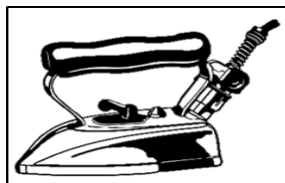
1.



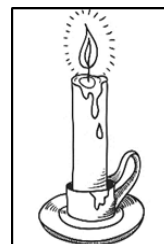
2.



3.



4.



5.





## What's New

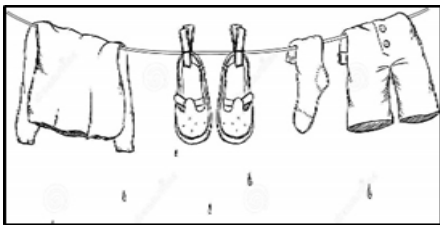
**Directions:** Describe how heat is used in each picture. Choose whether it is used in cooking food, heating the water, drying clothes, warming the body and pressing clothes. Write your answers on the blank.

1.



---

2.



---

3.



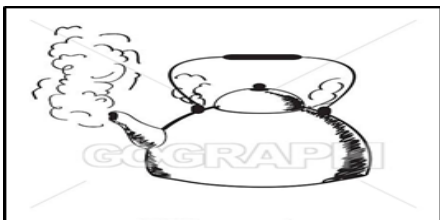
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4.



---

5.



---



## What is it

The sun is the primary source of heat and light on earth. Without the sun, no life can exist. The sun keeps us warm. Plants and animals also need the heat from the sun.

Heat is very important in our daily life. We use it in different ways. We are using heat in cooking, heating the water, drying washed clothes, pressing clothes, etc.

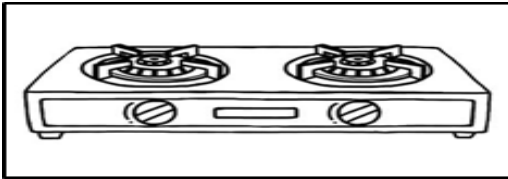


## What's More

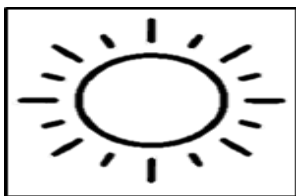
**Directions:** Rearrange the words below. Use the pictures as your clue.



1. arwngim \_\_\_\_\_



2. gnikoco \_\_\_\_\_



3. rydngi \_\_\_\_\_



4. aehngit \_\_\_\_\_



5. lemingt \_\_\_\_\_



## What I Have Learned

**Directions:** Choose the correct word inside the box to complete the sentences below. Write your answers on the blank.

cooking    sun    press    heat    warm    dry

- The main source of heat and light on earth is the \_\_\_\_\_.
- \_\_\_\_\_ is also produce by a lamp when lit.
- Humans need the sun to keep them \_\_\_\_\_.
- Gas stoves produce heat used for \_\_\_\_\_.
- Flat iron is used to \_\_\_\_\_ clothes to remove creases.



## What I Can Do

**Directions:** Describe how the following objects are used when heated. Write

1. charcoal \_\_\_\_\_
2. sun \_\_\_\_\_
3. oven \_\_\_\_\_
4. hair iron \_\_\_\_\_
5. electric kettle \_\_\_\_\_



## Assessment

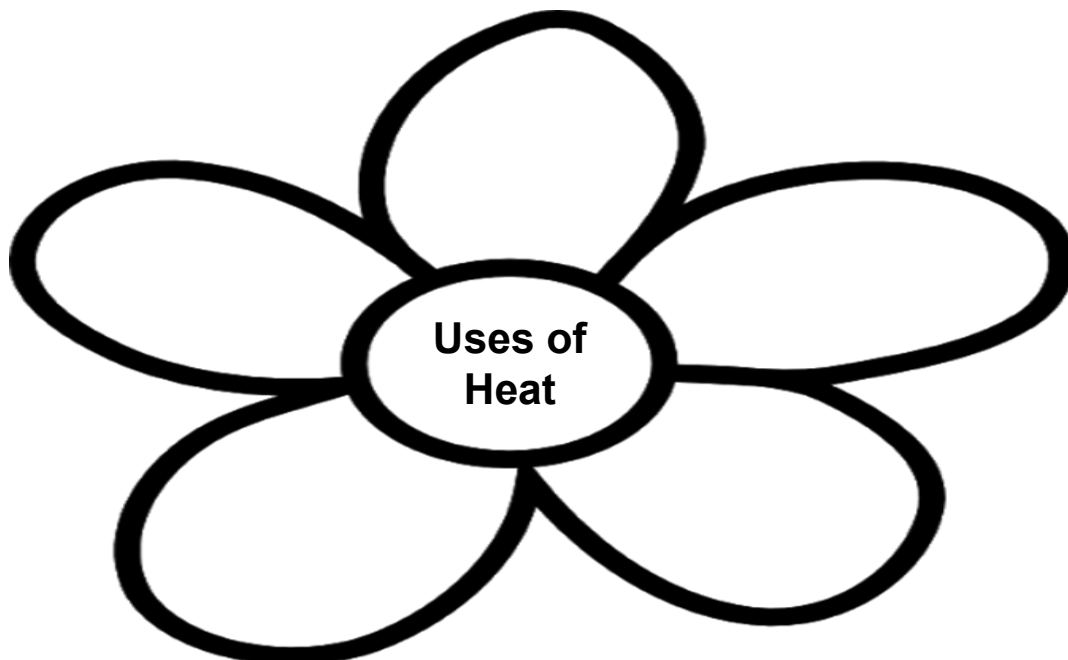
**Direction:** Match the sources of heat on the left with their uses on the right. Write the letter of the correct answer on the blank before each number.

- |                    |                      |
|--------------------|----------------------|
| _____ 1. coal      | A. to dry wet shoes  |
| _____ 2. air pot   | B. to press clothes  |
| _____ 3. sun       | C. for cooking       |
| _____ 4. gas stove | D. for boiling water |
| _____ 5. flat iron | E. for grilling      |
|                    | F. for baking        |








## Additional Activity

**Directions:** List down other ways of using heat that are not mentioned in this module. Write your answers on the petals of the flower below.



# Answer Key-Gr3Q3W6 Science

## What's In

1. 
2. 
3. 
4. 
5. 

## What's New

1. in cooking food
2. drying clothes
3. pressing clothes
4. warming the body
5. heating the water

## What's More

1. warming
2. cooking
3. drying
4. heating
5. melting

## What I Have Learned

1. sun
2. Heat
3. warm
4. cooking
5. press

## What I Can Do

1. Answers may vary
2. Answers may vary
3. Answers may vary
4. straightening the hair
5. boiling/heating water

## Assessment

1. E
2. D
3. A
4. C
5. B

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## Region IX: Zamboanga Peninsula Hymn – Our Eden Land

Here the trees and flowers bloom  
Here the breezes gently Blow,  
Here the birds sing Merrily,  
The liberty forever Stays,

Gallant men And Ladies fair  
Linger with love and care  
Golden beams of sunrise and sunset  
Are visions you'll never forget  
Oh! That's Region IX

Cebuanos, Ilocanos, Subanons, Boholanos, Ilongos,  
All of them are proud and true  
Region IX our Eden Land

Here the Badjaos roam the seas  
Here the Samals live in peace  
Here the Tausogs thrive so free  
With the Yakans in unity

Hardworking people Abound,  
Every valleys and Dale  
Zamboanguenos, Tagalogs, Bicolanos,

Region IX  
Our..  
Eden...  
Land...

### My Final Farewell

Farewell, dear Fatherland, clime of the sun caress'd  
Pearl of the Orient seas, our Eden lost!,  
Gladly now I go to give thee this faded life's best,  
And were it brighter, fresher, or more blest  
Still would I give it thee, nor count the cost.

On the field of battle, 'mid the frenzy of fight,  
Others have given their lives, without doubt or heed;  
The place matters not-cypress or laurel or lily white,  
Scaffold or open plain, combat or martyrdom's plight,  
T is ever the same, to serve our home and country's need.

I die just when I see the dawn break,  
Through the gloom of night, to herald the day;  
And if color is lacking my blood thou shalt take,  
Pour'd out at need for thy dear sake  
To dye with its crimson the waking ray.

My dreams, when life first opened to me,  
My dreams, when the hopes of youth beat high,  
Were to see thy lov'd face, O gem of the Orient sea  
From gloom and grief, from care and sorrow free;  
No blush on thy brow, no tear in thine eye.

Dream of my life, my living and burning desire,  
All hail ! cries the soul that is now to take flight;  
All hail ! And sweet it is for thee to expire ;  
To die for thy sake, that thou mayst aspire;  
And sleep in thy bosom eternity's long night.

If over my grave some day thou seest grow,  
In the grassy sod, a humble flower,  
Draw it to thy lips and kiss my soul so,  
While I may feel on my brow in the cold tomb below  
The touch of thy tenderness, thy breath's warm power.

Let the moon beam over me soft and serene,  
Let the dawn shed over me its radiant flashes,  
Let the wind with sad lament over me keen ;  
And if on my cross a bird should be seen,

Let the sun draw the vapors up to the sky,  
And heavenward in purity bear my tardy protest  
Let some kind soul o'er my untimely fate sigh,  
And in the still evening a prayer be lifted on high  
From thee, O my country, that in God I may rest.

Pray for all those that hapless have died,  
For all who have suffered the unmeasur'd pain;  
For our mothers that bitterly their woes have cried,  
For widows and orphans, for captives by torture tried  
And then for thyself that redemption thou mayst gain

And when the dark night wraps the graveyard around  
With only the dead in their vigil to see  
Break not my repose or the mystery profound  
And perchance thou mayst hear a sad hymn resound  
'T is I, O my country, raising a song unto thee.

And even my grave is remembered no more  
Unmark'd by never a cross nor a stone  
Let the plow sweep through it, the spade turn it o'er  
That my ashes may carpet earthly floor,  
Before into nothingness at last they are blown.

Then will oblivion bring to me no care  
As over thy vales and plains I sweep;  
Throbbing and cleansed in thy space and air  
With color and light, with song and lament I fare,  
Ever repeating the faith that I keep.

My Fatherland ador'd, that sadness to my sorrow lends  
Beloved Filipinas, hear now my last good-by!  
I give thee all: parents and kindred and friends  
For I go where no slave before the oppressor bends,  
Where faith can never kill, and God reigns e'er on high!

Farewell to you all, from my soul torn away,  
Friends of my childhood in the home dispossessed!  
Give thanks that I rest from the wearisome day!  
Farewell to thee, too, sweet friend that lightened my way;  
Beloved creatures all, farewell! In death there is rest!

### I Am a Filipino, by Carlos P. Romulo

I am a Filipino—inheritor of a glorious past, hostage to the uncertain future. As such I must prove equal to a two-fold task—the task of meeting my responsibility to the past, and the task of performing my obligation to the future.

I sprung from a hardy race, child many generations removed of ancient Malayan pioneers. Across the centuries the memory comes rushing back to me: of brown-skinned men putting out to sea in ships that were as frail as their hearts were stout. Over the sea I see them come, borne upon the billowing wave and the whistling wind, carried upon the mighty swell of hope—hope in the free abundance of new land that was to be their home and their children's forever.

I am a Filipino. In my blood runs the immortal seed of heroes—seed that flowered down the centuries in deeds of courage and defiance. In my veins yet pulses the same hot blood that sent Lapulapu to battle against the first invader of this land, that nerved Lakandula in the combat against the alien foe, that drove Diego Silang and Dagohoy into rebellion against the foreign oppressor.

The seed I bear within me is an immortal seed. It is the mark of my manhood, the symbol of dignity as a human being. Like the seeds that were once buried in the tomb of Tutankhamen many thousand years ago, it shall grow and flower and bear fruit again. It is the insignia of my race, and my generation is but a stage in the unending search of my people for freedom and happiness.

I am a Filipino, child of the marriage of the East and the West. The East, with its languor and mysticism, its passivity and endurance, was my mother, and my sire was the West that came thundering across the seas with the Cross and Sword and the Machine. I am of the East, an eager participant in its spirit, and in its struggles for liberation from the imperialist yoke. But I also know that the East must awake from its centuried sleep, shake off the lethargy that has bound his limbs, and start moving where destiny awaits.

I am a Filipino, and this is my inheritance. What pledge shall I give that I may prove worthy of my inheritance? I shall give the pledge that has come ringing down the corridors of the centuries, and it shall be compounded of the joyous cries of my Malayan forebears when first they saw the contours of this land loom before their eyes, of the battle cries that have resounded in every field of combat from Mactan to Tirad Pass, of the voices of my people when they sing:

"I am a Filipino born to freedom, and I shall not rest until freedom shall have been added unto my inheritance—for myself and my children and my children's children—forever."