

Worksheet 1: FILIPINO 10

Gawain: Basahin at unawain ang talata at sagutin ang mga tanong.

Sa *El Filibusterismo*, isiniwalat ni Jose Rizal ang katiwalian sa pamahalaan, pang-aabuso ng kapangyarihan, at kawalang-katarungan sa lipunan na mga isyung hindi nalalayo sa kalagayan ng bansa sa kasalukuyan. Hanggang ngayon, nararanasan pa rin ng maraming Pilipino ang kahirapan, korapsyon, at hindi pagkakapantay-pantay sa batas. Tulad ng mga tauhan sa nobela na nawalan ng boses at karapatan, marami ring mamamayan ngayon ang nananahimik o natatakot magsalita laban sa maling pamamalakad. Ang paghahangad ng pagbabago, tulad ng mithiin ni Simoun, ay nananatiling sigaw ng sambayanang Pilipino. Sa ganitong paraan, nagiging salamin ng kasalukuyang lipunan ang *El Filibusterismo* na patuloy na nagbibigay-babala at paalala sa atin upang maging mapanuri at makialam sa mga isyung panlipunan.

Batay sa binasang talata, sagutin ang sumusunod na tanong:

1. Paano ipinakita sa talata ang ugnayan ng mga isyung panlipunan sa nobelang *El Filibusterismo* at sa mga kasalukuyang suliranin ng bansa? Magbigay ng kongkretong halimbawa mula sa kasalukuyan.
2. Ano ang ipinahihiwatig ng pahayag na “nananatiling sigaw ng sambayanang Pilipino ang pagbabago”? Bakit ito mahalagang bigyang-pansin sa konteksto ng kasalukuyang panahon?
3. Sang-ayon ka ba na ang lipunang ginagalawan natin ngayon ay may pagkakatulad pa rin sa panahon ng *El Filibusterismo*? Ipaliwanag ang iyong pananaw gamit ang lohikal na pangangatwiran.
4. Bilang isang mamamayan o mag-aaral, paano mo maisasabuhay ang aral na inihahayag ng talata sa pamamagitan ng pagiging mapanuri sa mga isyung panlipunan?
5. Kung ikaw ay lilikha ng isang modernong bersyon ng *El Filibusterismo*, anong mga isyung panlipunan sa kasalukuyan ang itatampok mo at bakit?

Worksheet 2: ENGLISH 10

Activity: Read the story of Orpheus and Eurydice by Alice Low. Using the plot chart below, summarize the story of the selection you have read guided by the questions on the left column.

The Story of Orpheus and Eurydice (Retold in Story Format)

Long ago in ancient Greece, there lived a young man named Orpheus. He was the son of a muse, and the gods themselves had blessed him with a gift for music. When Orpheus played his lyre, the sound was so sweet that wild beasts grew tame, rivers stopped flowing to listen, and even trees bent closer to hear his song.

Orpheus fell in love with a beautiful maiden named Eurydice, and she loved him in return. They were married, and for a short time their happiness seemed perfect. But one day, as Eurydice walked through a meadow, a deadly snake bit her. She fell to the ground and died.

Orpheus's heart was broken. He could not bear to be without her. So, he resolved to travel to the Underworld, the realm of the dead, to bring her back. With his lyre in hand, he journeyed down into the darkness. At the gates of the Underworld, he played such mournful music that even the spirits wept. The three-headed dog Cerberus grew calm, and at last he stood before Hades and Persephone, the king and queen of the dead.

Moved by his song, they granted Orpheus a gift. Eurydice could follow him back to the world of the living—but only if he did not look back at her until they both reached the light of day. Orpheus gladly agreed.

Through the dark passageways he walked, his heart pounding with every step. He could hear Eurydice's soft footsteps behind him, but he longed to see her face. At last, just as the first rays of sunlight appeared, doubt overcame him. He turned to look.

In that instant, Eurydice was pulled back into the shadows. Orpheus cried out, but it was too late. He had lost her forever.

From then on, Orpheus wandered the earth singing songs of sorrow, and his music told the world of his great love and his great loss.

WHO are the characters in the story?	
WHAT is the main problem in the story?	
THEN , what are the other events that follow?	
BUT , what resulted by the character's actions?	
SO , how did the story end?	

Worksheet 3: MATH 10

Activity: Read the given scenario, then provide what is asked.

Scenario:

Lena is designing a rectangular garden. She decides that the length of the garden is x meters, and the width is $(x - 2)$ meters. She wants the area of the garden to be at most 24 square meters.

1. Write an inequality to show that the area of the rectangular garden should be at most 24 square meters.

Hints:

$$A = \text{length} \times \text{width}$$

Think of an inequality symbol that shows the area must be within or below that number.

2. Considering the condition on the garden's area, find the minimum and maximum possible values for its length x ?

Hint: You can try different values of x to see which ones work, or you can use the inequality you wrote in number 2 and solve for x to help you figure it out.

3. If Lena wants the length to be at least 3 meters and at most the maximum value you got in number 2, what inequality will represent the possible values of x ? Show your answers using a number line.

- Draw a number line from 0 to 8
- Put **closed circles** on the values that are included in the solution.
- **Shade the region** that shows all possible values of x .

4. Why is it important to understand and apply inequalities when planning or designing something in real life, like a garden or a room?

Worksheet 4: SCIENCE 10

Activity: Create your ***Climate Action Vision Board*** by following the steps below. After doing the task, answer the reflection questions that follow.

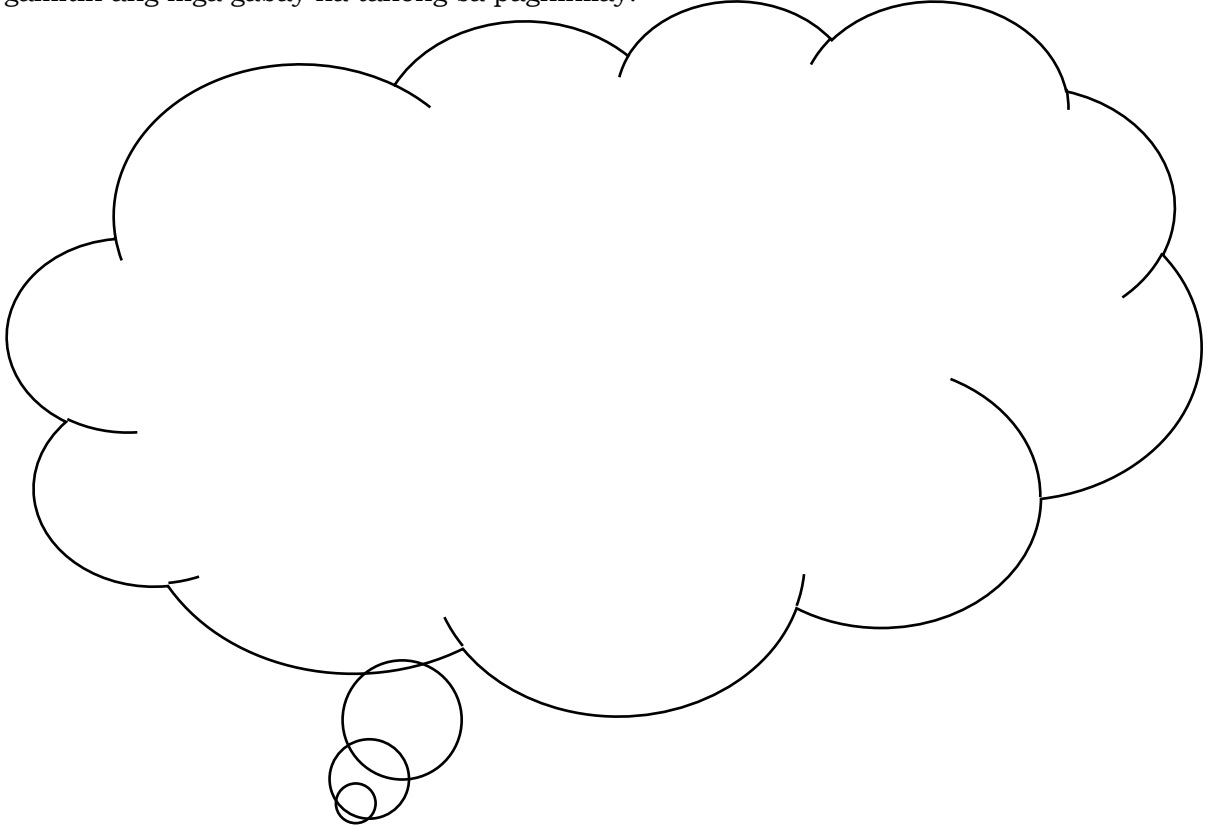
1. Do a quick research (from newspapers, online news, journals, and articles) about Climate Change and its impact on the environment.
2. Observe your community or recall recent events which you think are impacts of climate change (e.g. flooding, sea level rise, extreme rainfall, resource shortages, environmental degradation).
3. Cut out pictures from old magazines, newspapers or other printed materials showing these local impacts of climate change. Also cut out pictures showing simple actions or activities people in your community can do to mitigate climate change and reduce the impact of global warming.
4. Paste these pictures on your paper, creative manner, making sure your layout clearly reflects your vision and ideas.
5. If it is more convenient for you, you may design your vision board digitally using Power Point or Canva, with one slide for the pictures, and another one for your answers to the given reflective questions.

Reflection Questions

1. Which impact of climate change in your community struck you the most while making your vision board? Why?
2. What challenges do you think your community might face by putting these climate change solutions into action, and how can they be overcome?
3. If your vision board became reality, how would it improve the lives of people in your community?
4. How did this activity change the way you view your role in addressing climate change?

Worksheet 5: AP 10

Gawain: Isulat ang salita o grupo ng mga salita na naglalarawan ng inyong nararamdaman sa mga oras na ito. Maari ring gumuhit ng simbolo o larawan ng iyong nararamdaman. Ilagay ito sa loob ng malaking bula ng isip. Mula sa mga salita/simbolo, sumulat sa baba ng tatlo hanggang limang pangungusap na pagninilay kung bakit ito ang iyong nilagay. Maaaring gamitin ang mga gabay na tanong sa pagninilay.



Mga Gabay na Tanong

1. Bakit ito ang mga salita/simbolo na iyong nilagay?
2. Ano ang mga nararamdaman mo sa araw na ito?
3. Sa anong paraan mo malilinang ang iyong kaalaman sa panahon na walang klase dahil sa mga kalamidad?
4. Ano ang dapat na ginagawa ng mag-aaral sakaling sila ay nasa kanilang bahay dahil sa kanselasyon ng klase dahil sa mga kalamidad?
5. Mula sa mga natutunan sa mga aralin sa klase, ano dapat ang pangunahing isinasaloob at isinasa-isip ng mag-aaral sa panahong may kalamidad at nasa tahanan lamang?

Palala, sa panahong may kalamidad, ok lang na mag-alala, malungkot, at matakot. Ang mahalaga ay hinaharap at pinoproseso ito nang tama. Kaya “ok lang na hindi ok.”

Worksheet 6: ESP 10

Gawain: Bilang pagmamalasakit sa kapaligiran, gumawa ng isang *Eco-Activity Plan*. Magbigay ng gawaing maaaring gawin mo sa bahay na nagpapakita ng pagmamalasakit sa kapaligiran tungo sa sustenableng pag-unlad. Gawan ng repleksyon ang bawat natapos na gawain at isulat sa tsart.

Araw	Gawain	Layunin	Repleksyon
Unang araw (Halimbawa)	Basura <i>Segregation</i> <i>Challenge</i>	Matutong maghiwalay ng basura	Importante ang paghihiwalay ng basura upang masunod ang 3Rs ng <i>segregation</i> .
Ikalawang araw			
Ikatlong araw			
Ikaapat na ara			
Ikalimang araw			

Worksheet 7: TLE 10

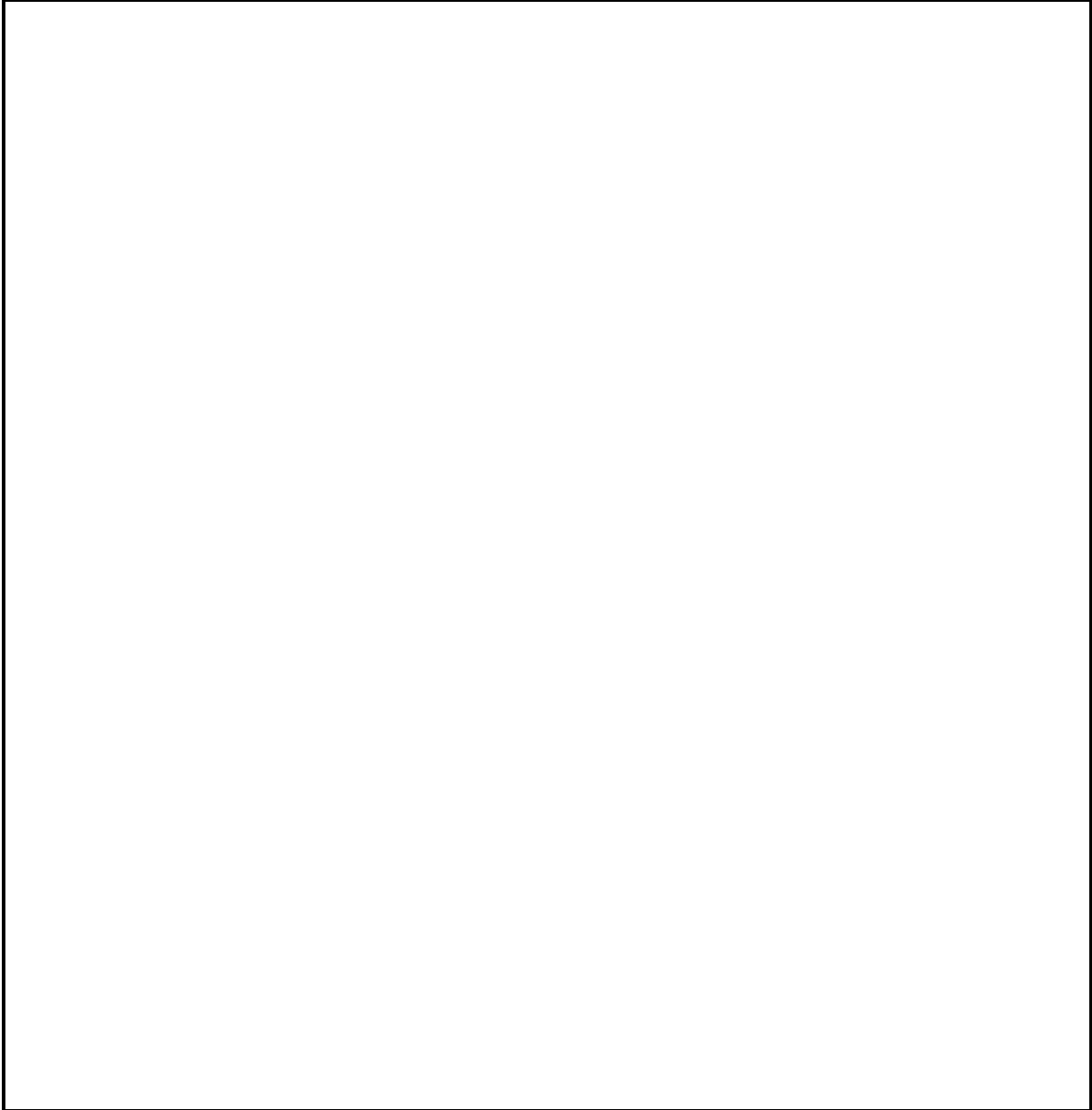
Activity: List down the tools and equipment for computer servicing that you have at home. If you do not have any, list the ones you have already seen or used before. Describe the purpose of each tool and equipment in computer system servicing, then answer the questions that follow.

Tools and Equipment	Purpose

1. What tools or equipment at home can also be used for computer servicing?
2. What tasks at home helped you understand how these tools are used?
3. How does knowing the use of each tool help you finish a task?

Worksheet 8: MAPEH 10

Activity: Draw a simple design of how you want to improve or decorate an old piece of clothing inside the box. Show your design to family members and ask for their comments or suggestions. Write their feedback below your drawing.

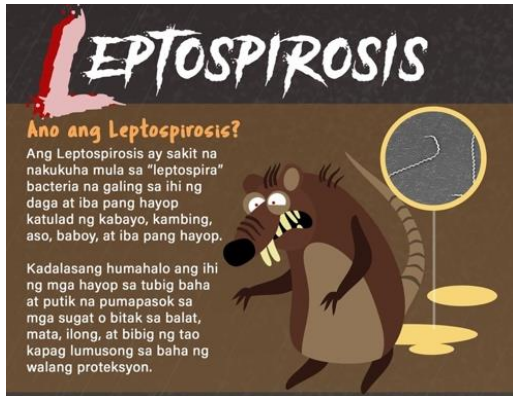


Feedback



Worksheet 9: FILIPINO 10

Gawain: Suriin ang *infographic* at sagutin ang mga tanong.



Batay sa *infographic*, sagutin ang sumusunod na mga tanong:

1. Ano ang pangunahing sanhi ng *leptospirosis*?
2. Isang batang lalaki ang lumusong sa baha na may sugat sa paa at walang suot na bota. Gamit ang impormasyon sa *infographic*, ipaliwanag kung bakit siya maaaring magkakaroon ng *leptospirosis*.
3. Batay sa mga sintomas ng *leptospirosis*, paano ito maaaring mapagkamalan na trangkaso o *dengue*?
4. Kung ikaw ay opisyal ng barangay sa panahon ng tag-ulan, anong kongkretong hakbang ang iyong gagawin upang maiwasan ang pagkalat ng *leptospirosis* sa inyong komunidad?
5. Bumuo ng isang *infographic*. Tiyakin na gumamit ng wastong datos, malinaw na mensahe, at nakapukukaw na mga imahe at kulay. Pumili lamang ng isa sa mga paksa sa ibaba:
 - a. First-aid kit
 - b. Go bag
 - c. Emergency food bag

Worksheet 10: ENGLISH 10

Activity: Fill in each blank with the appropriate coordinating conjunction to complete the thought of the sentence. Choose from the following:

AND	FOR	NOR
	BUT	
OR	SO	YET

1. My younger brother cooked dinner instead _____ I arrived home late.
2. I prepared the materials for cooking _____ my sister prepared the ingredients.
3. Sleeping late at night _____ not sleeping at all effects your work the whole day.
4. The gadget is very expensive _____ she still bought it without careful thought.
5. It's not healthy to eat excessively _____ too little.
6. Eating a balanced diet makes our body healthy _____ does our mind.
7. Spend money wisely _____ you can save for your future.
8. Saving money is a wise thing to do _____ it is difficult for many to accomplish.
9. I don't like eating slimy vegetables _____ fruits with too many seeds.
10. Healthy food can be expensive _____ sometimes not as flavorful.

Worksheet 11: MATH 10

Activity: Read the given scenario, then complete the task below.

When you toss a ball into the air, it follows a curved path called a **parabola**. This path can be modeled by a quadratic function. Suppose the height h of the ball (in meters) after t seconds is given by:

$$h(t) = -4t^2 + 8t$$

This equation represents a quadratic function. A **quadratic function** is a function that can be written in the form $f(x) = ax^2 + bx + c$ where $a \neq 0$.

1. Look at each equation below. Decide if it defines a quadratic function or not. Write “Yes” if it defines a quadratic function and “No” if it does not. Give a brief explanation for your answer.

Equation	Is it a Quadratic Function? (Yes/No)	Why or why not
1. $y = 3x^2 - 7x - 2$		
2. $y = 5x - 3$		
3. $f(x) = (x - 2)^2$		
4. $f(x) = -9$		
5. $f(x) = 3x(x - 2)$		

2. What did you find challenging when trying to identify whether an equation represented a quadratic or not?
3. How is the rate of change in a quadratic function different from that in a linear function, and why is this difference important in real-life situations?
4. Can you think of another real-life situation that follows a parabolic (U-shaped) path or pattern?

Worksheet 12: SCIENCE 10

Activity: Create a ***Video on Electrical Safety at Home*** by following the steps below. After doing the task, answer the reflection questions that follow.

1. Research on common electrical hazards and necessary safety precautions (e.g., avoid overloading outlets, unplugging appliances properly, using dry hands, etc.).
2. Think of a concept or scenario where electrical safety is violated and how it should be properly demonstrated at home.
3. Write a short script or outline for this concept or scenario.
4. Plan the scenes, gather the props that you need, and rehearse the dialogue and actions.
5. Record the video (1-3 minutes in length) and ensure the content is accurate, clear, and promotes safety.
6. Edit the video then submit it through a platform agreed upon by the teacher (e.g., Google Drive, class Messenger Group Chat).

Reflection Questions

1. During the making of your video, what electrical safety did you discover that you and your family might be unknowingly doing at home?
2. What is the importance of shared responsibility among family members in ensuring the safe use of electrical appliances at home?

Worksheet 13: AP 10

Gawain: Gumawa ng ***hazard map*** ng sariling tahanan. Sundin ang mga sumusunod na hakbang.

1. Iguhit ang plano ng kabuuan ng inyong bahay sa ibaba.
2. Magpatulong sa mga nakatatanda sa pamilya kung kailangan.
3. Tukuyin ang mga mahahalagang detalye kagaya ng mga sumusunod:
 - a. Linya ng mga kuryente
 - b. Mga alulod at iba pang daanan ng tubig
 - c. Haligi, mga hamba, at poste
 - d. Madaling masunog kagaya ng kahoy, mga papel
 - e. Pinakamadaling labasan at pasukan ng tahanan
 - f. At iba pang mga mahahalagang bahagi o espasyo ng bahay.
4. Ibahagi sa pamilya ang nabuong ***hazard map*** upang magamit sa panahon ng sakuna.

Worksheet 14: ESP 10

Gawain: Kumpletuhin ang talahanayan at sagutin ang mga kasunod na tanong. Sa unang hanay, isulat ang tatlong katangian ng ipinakikita ng iyong mga magulang o tagapag-alaga. Sa ikalawang hanay naman ay kung paano mo ito nararamdaman o nakikita sa inyong tahanan bilang isang anak.

Katangian	Paano mo nararamdaman o nakikita ang mga katangiang ito?

1. Anong ginagawa ng magulang mo kapag nahuli kang nagsisinungaling o kapag bagsak ang iyong marka?
2. Kapag gumawa ka ng mabuti, paano ka naman nila pinupuri o ginagantimpalaan?
3. Bakit kaya ganoon ang paraan ng kanilang pagdidisiplina?
4. Mahalaga ba na laging naroroon ang magulang o tagapag-alaga sa pamilya? Bakit?
5. Anong katangian ng pagiging magulang ang pinakamahirap sundin para sa iyo? Bakit?
6. Sa palagay mo, mahirap ba o madali ang maging magulang? Ipaliwanag.

Worksheet 15: TLE 10

Activity: Classify and put a checkmark (✓) if the tool or equipment is used for household tasks, computer servicing, or both, then answer the questions that follow.

TOOLS/EQUIPMENT	HOUSEHOLD	COMPUTER SYSTEM SERVICING
Anti-static wrist strap		
Cable ties		
Flat head screwdriver		
Multimeter		
Needle-nose plier		
Philips head screwdriver		
Torx screwdriver		
Tweezers		
Wire cutter		

1. What is the use or function of each tool and equipment listed in the instructions?
2. Which tools and equipment for computer servicing can also be used for household tasks?
3. How do you know or decide which tool is the best one to use for a specific task?

Worksheet 16: MAPEH 10

Activity: Perform **Yoga** poses together with your family members or relatives at home by following the instructions below. After doing the task, answer the reflection questions that follow.

1. Prepare the equipment needed for the activity.

Equipment Needed:

- A. Use any safe space in your home. If you don't have a yoga mat, you can use a *banig*, towel, or any clean cloth.
- B. Cellphone for the Yoga music (if available and if there is no power interruption)
- C. Speaker (if available)

Note: In the absence of music/video material due to power interruption, you may sing your favorite music in mind while performing Yoga.

2. Do some stretching.

3. Choose from these Yoga exercises:

- A. Meditation for Beginners:
<https://www.youtube.com/watch?v=3rTdYCWrm8c>
- B. Meditation for Anxiety & Stress Relief:
https://www.youtube.com/watch?v=o_d_spl6hqY
- C. Morning Yoga Stretch:
<https://www.youtube.com/watch?v=jVgTcVEQSNw>
- D. Meditation for Positive Mindset & Good Mood:
<https://www.youtube.com/watch?v=ANFSI2prOmI>

4. Listen and follow the instructional video. Practice proper breathing and execute yoga poses properly to avoid injury.
5. Be mindful of your limits.
6. You may also record your activity if the provision for recording is available.

Reflection Questions

1. How did you feel after doing yoga?
2. What part of your health do you think yoga improves (example: strength, flexibility, relaxation)?
3. If you do yoga often, what benefits will it give you?

Worksheet 17: FILIPINO 10

Gawain: Basahin at unawain ang teksto. Pagkatapos nito, sagutin ang mga tanong.

Malinis na Kapaligiran, Maaliwalas na Isipan

Malaki ang ginagampanang papel ng kapaligiran para sa iyong pisikal at mental na kalusugan. Ang marumi o hindi kaaya-ayang kapaligiran ay hindi lamang pinagmumulan ng sakit o impeksyon. Maaari rin nitong maapektuhan ang iyong pag-iisip at emosyon. Samantala, ang malinis na kapaligiran naman ay nakatutulong upang magkaroon ng maayos na kalusugan at maaliwalas na isipan.

May dalawang pangunahing paraan ang maaaring gawin upang magkaroon ng malinis na kapaligiran. Una ang pag-aalis ng basura at dumi at ang ikalawa naman ay ang pagiging maayos ng mga bagay kung saan dapat nakalagay ang mga ito.

Maraming pag-aaral na ang nagpapatunay na may kaugnayan ang malinis na kapaligiran sa malusog at masayang buhay. Kaya't sa kabila ng lumalalang polusyon at paglaganap ng iba't ibang sakit, mahalaga pa rin ang pagkakaroon ng malinis na kapaligiran.

Batay sa binasang teksto, sagutin ang sumusunod na tanong:

1. Paano nakaaapekto sa isang tao ang pagkakaroon ng malinis na kapaligiran?
2. Bilang isang mag-aaral, paano mo mapapanatili ang pagkakaroon ng malinis na kapaligiran?
3. Sa nararanasan mo ngayon, gaano kahalaga ang kalinisan at kalusugan ng tao? Ipaliwanag.
4. Bumuo ng isang islogan na nanghihiikayat sa iyong mga kaibigan na panatilihin ang isang malinis na kapaligiran.
 - a. Dalawang taludtod
 - b. Lalabindalawahing pantig
 - c. May tugmaan

Worksheet 18: ENGLISH 10

Activity: Underline the subordinating clause once and the connector twice in each sentence below.

1. I got a low grade in Math in the last exam because I did not study.
2. Personally, I am always ready to learn, although only for the subject I am interested in.
3. It is hard to choose a leader since they all promise the same things but rarely fulfill them.
4. After the meeting, we had our lunch at a nearby restaurant.
5. It always seems to rain whenever I leave my umbrella at home.
6. Pablo doesn't stop working on his songs until they are finished and polished.
7. We secure our house before the typhoons comes.
8. Unless we implement proper garbage disposal, we will always experience floods.
9. Although dreaming big is important, hard work pays off in the end.
10. If you want to travel the world, create a separate travel fund account.

Worksheet 19: MATH 10

Activity: For each pair of events below, list the possible outcomes for each event. Check if they can happen at the same time (the events have common outcomes). Write whether the events are Mutually Exclusive (ME) or Non-Mutually Exclusive (NME), then answer the questions that follow.

Note:

Mutually Exclusive (ME) – cannot happen at the same time

Non-Mutually Exclusive (NME) - can happen at the same time

Experiment	Event A	List the Outcomes of Event A	Event B	List the Outcomes of Event B	List the Common Outcomes	ME or NME
Rolling a die	getting an even number of dots		getting three dots			
Spinning a number wheel labeled 1 -10	getting an even number		getting a number less than 5			
Drawing a card from a standard deck	drawing an ace		drawing a diamond			
Selecting a tile from 26 tiles labeled with letters of the English alphabet	getting a vowel		getting a letter from the word "SAFETY"			

1. Why is it helpful to list outcomes before deciding if events are mutually exclusive or not?
2. Give one real-life example of a pair of mutually exclusive events and one pair of non-mutually exclusive events.

Worksheet 20: SCIENCE 10

Activity: Conduct a simple **Home Energy Audit** by following the steps below. After doing the task, answer the reflection questions that follow.

1. Fill in the table below with the information from your *Home Energy Audit*.

Estimated Monthly Bill		Php _____						
Appliance	Appliance Power Rating (in Watts)	Frequency of Usage			Estimated Cost to Operate			
		No. of hours used per day	No. of days used per week	No. of weeks used per month	per hour (Php)	per day (Php)	per week (Php)	per month (Php)

2. Ask your parents about your average monthly electricity bill and write it down below.
3. If internet is available, you may use the Meralco Appliance Calculator (<https://appliancecalculator.meralco.com.ph/>) to estimate the cost of using one appliance.
4. If internet is not available, you may proceed to answering the reflective questions below.

Reflection Questions

1. Which available appliance contributes the most to your household's energy consumption?
2. What are the most practical changes your family can make to reduce energy use?
3. How can conserving electricity at home contribute to solving local and global issues such as climate change?

Worksheet 21: AP 10

Gawain: Sagutin ang talahanayan na nasa ibaba tungkol sa mga kailangan sa panahon ng iba't ibang uri ng kalamidad. Maaaring manghingi ng tulong sa mga magulang o nakatatanda sa pamilya upang makumpleto ang gawain. Ilagay sa unang hanay ang mga kailangan sa oras ng sakuna na maaaring makita o mayroon kayo sa bahay. Sa ikalawa naman ay ilagay kung saang kalamidad ito maaaring gamitin at sa huli ay kung ano ang gamit nito.

Kailangan	Kalamidad	Gamit
First aid kit*	Bagyo, sunog, lindol, at iba pang kalamidad	Maaaring gamitin kapag may nasugatan

Pakiusapan ang mga kasapi ng pamilya na ito'y talakayin at siguraduhing alam ng lahat ng kasapi kung nasaan at paano ito gamitin.

Worksheet 22: ESP 10

Gawain: Gumawa ng **Gratitude Jar** gamit ang sumusunod na hakbang at pagkatapos ay sagutin ang gabay na tanong.

1. Kausapin at ipaliwanag sa pamilya ang gagawing *Gratitude Jar*. Hikayatin sila na magsulat ng pasasalamat sa bawat biyaya na matatanggap maging maliit man o malaki. Maaaring araw-araw itong gawin.
2. Maghanda ng apat na kulay ng *colored paper* at gupitin sa maliit na bahagi.
Maaaring sundin itong *color coding* ng papel.
Pula – Ama/Tagapag alagang lalaki
Dilaw – Ina/Tagapag alagang babae
Puti – kapatid (kung meron)
Asul – mag-aaral/sarili
3. Maghanda ng isang *clear plastic jar o transparent* at dito ilalagay ang mga sulat pasasalamat.



4. Ilagay ang *Gratitude Jar* sa lugar na mabilis makita at madaling makapagsulat.
5. Laging paalalahanan ang bawat isa na magsulat.

Gabay na Tanong

1. Ano ang pakiramdam pagkatapos makapagsulat ng pasasalamat?
2. Ano ang masasabi mo na pati magulang o tagapag-alaga mo ay kasali sa gawain?
3. Nahirapan ka bang kumbinsihin silang makilahok? Bakit?
4. Sa iyong palagay, ang gawaing ito ba ay nakapagpapalakas ng inyong pananampalataya? Ipaliwanag.

Worksheet 23: TLE 10

Activity: Differentiate the parts of the motherboard by connecting the components of the Motherboard to their functions. Then, answer the questions that follow.

Components of the Motherboard

Functions

Central Processing Unit (CPU)	•	•	Refers to computer chips that temporarily store dynamic data to enhance computer performance while you are working.
Random Access Memory	•	•	It is read-only memory that controls system hardware and connects it to the operating system. Often called drivers, this links the computer's hardware and software. Every motherboard has a small ROM chip with this part, which contains the code to control the keyboard, screen, disk drives, and more.
IOS / UEFI	•	•	It is a group of small circuits that coordinate the flow of data to and from a PC's key components. These key components include the CPU itself, the main memory, the secondary cache, and any devices located on the buses.
Chipset	•	•	It is the computer's brain. It is responsible for fetching, decoding, and executing program instructions. It also performs mathematical and logical calculations.

1. What are the different parts of the motherboard other than the given parts?
2. What component of the motherboard is the most important of all according to its function?
3. How does the motherboard function through the different parts of it?

Worksheet 24: MAPEH 10

Activity: Make a **stop-motion animation**, a technology-based artwork featuring the concept of **One Health**, following these steps:

1. On a piece of paper, draw or cut out simple figures (people, animals, plants, trees, etc.) using scratch paper, old magazines, or recyclable materials. If internet is available, you may check these video as reference:
YouTube: Origami Paper Craft www.youtube.com/@origamipapercraft7674
YouTube: Stop-Motion Animation using Paper Cut outs
https://www.youtube.com/watch?v=z1zxsk_wsGs
2. Think of a short story (30 seconds-1 minute) that shows how humans, animals, plants, and the ecosystem depend on one another (example: people planting trees, trees giving oxygen, animals living in trees).
3. If you have a cellphone, take pictures step by step while moving the paper figures a little at a time to show action.
4. If **recording is not possible**, you can just **make a comic strip version** (draw the scenes in 3-4 boxes).
5. Show your output (pictures or drawings) to any member of your family and ask for feedback. If no one is available, keep the output and be ready to show it to your teacher when classes resume. You may use this feedback guide below to be filled out by a family member or teacher.

In my output, what do you think are my:

Strengths	
Areas for improvement	
Recommendations	

Worksheet 25: FILIPINO 10

Gawain: Basahin at unawain ang *spoken word poetry* at sagutin ang mga tanong.

Mahal kong Bayan!

Sa bawat patak ng ulan,
Naririnig ko ang iyak ng bayan –
basâ, pagod, pero lumalaban.

Hindi ka perpekto,
pero sa bawat sugat mo
naroon ang tapang ko.

Ikaw ang pawis ng magsasaka,
 dasal ng ina,
pangarap ng batang sa ilaw ng poste
 ay nagbabasa

Dugo ko'y tinta,
puso ko'y papel,
sa'yo ko isinusulat
ang tunay na pagmamahal

Batay sa binasang tula, sagutin ang sumusunod na tanong:

1. Ano ang ibig sabihin ng pahayag na “Dugo ko'y tinta, puso ko'y papel”? Ipaliwanag kung paano ito naglalarawan ng pagmamahal sa bayan.
2. Paano inihambing sa tula ang karaniwang karanasan ng mga mamamayan (hal. magsasaka, ina, bata) sa tunay na anyo ng pagmamahal sa bayan?
3. Bilang isang kabataan sa kasalukuyang panahon, paano mo maisasabuhay ang mensahe ng tula sa iyong araw-araw na kilos o desisyon?
4. Gumuhit ng isang *poster* tungkol sa larawang-diwa o imahen na nabuo sa iyong isipan habang binabasa ang tula.

Worksheet 26: ENGLISH 10

Activity: Study the example of a Public Service Advertisement/Announcement (PSA) shown below and provide what is asked.



1. What are the elements of a PSA poster as shown on the left side?

2. Make your own PSA inside the box below on any of the following topics:

- a. Voters' registration
- b. Personal hygiene
- c. Segregation of waste
- d. Energy conservation (water, electricity, gas, etc.)

Be sure that it has the image and text that represent what you are campaigning for.

Worksheet 27: SCIENCE 10

Activity: Record a chemical reaction that naturally happens or is used in daily household activities by following the steps below. After doing the task, answer the reflection questions that follow.

1. Pick one simple household activity that shows a chemical reaction.
Examples: cooking an egg, mixing vinegar and baking soda, fruit turning brown, or rusting metal
2. Observe what happens and note the changes (color, bubbles, smell, texture, or heat).
3. Write your observations on the table below.

Home Task	Reactants / Substance Used	Observed Indicators	Explanation (Why it's a chemical reaction)
<i>Example:</i> Cooking an egg	Raw egg + heat	Color change, texture change	New substance formed, Irreversible process

4. If possible and safe, take a short video (1-2 minutes) or photos using cellphone. If not, just submit your written observations.
5. Keep your notes or video and submit them to your teacher when classes resume or through the agreed platform (Messenger, Google Drive, etc.) if available.

Reflection Questions

1. What household activity at home uses chemical reactions the most? Why?
2. Since many chemical reactions in daily life cannot be reversed, how can this knowledge help your family make better choices when buying or using products?

Worksheet 28: AP 10

Gawain: Kumpletuhin ang *matrix* na nasa ibaba. Ilagay sa unang hanay ang mga suliraning pangkapaligiran na dinaranas ng inyong pamayanan. Sa ikalawa naman ay mga epekto nito at sa huling hanay ay kung ano ang iyong magagawa upang kahit paano ay makatulong upang hindi lumalala ang nasabing suliranin.

Suliraning Pangkapaligiran	Epekto sa Pamayanan	Aking Gagawin

Worksheet 29: ENGLISH 10

Activity: Read the news article below and give your opinion on how the floods affect you in your daily life following the pattern of stating an opinion or assertion. Include your opinion on government projects, citizens' responses, or its effects on the country at large. Write your thoughts below with at least 3 sentences following the given pattern.

Gutter-deep Floods Persist in Metro Manila by James Daniel Danio

MSN News, July 24, 2025, (<https://www.msn.com/en-ph/news/national/gutter-deep-floods-persist-in-metro-manila/ar-AA1Jbqn9>)

MANILA, Philippines — Floods, although not so deep, were recorded Thursday morning, July 24, in the cities of Manila, Malabon, Parañaque, and Valenzuela due to incessant monsoon rains enhanced by Tropical Depression Dante.

In Manila, gutter-deep flooding was reported along Roxas Boulevard near P. Gil and under the Jones Bridge at the Esplanade. Both roads remain passable to all types of vehicles.

Floodwaters earlier affected the northbound lanes of Taft Avenue from Nakpil to Padre Faura and in front of the NBI at UN Avenue. These have subsided.

In Malabon, Don Basilio Bautista Street in Barangay Hulong Duhat had shallow flooding of about two inches. Rizal Avenue Extension near the city hall reached gutter-deep levels. Both are still passable.

In Parañaque, flooding was reported at Dr. A. Santos Avenue corner Victor Medina, with water reaching gutter level.

In Valenzuela, floodwaters along MacArthur Highway near BDO and Wilcon subsided before 8 a.m.

Motorists were advised to remain alert and check real-time updates from the Metropolitan Manila Development Authority.

Pattern of stating an opinion or assertion:

In my opinion / I believe + context/belief + supporting statement(s) or evidence + restatement of opinion.

What's Your Take?

Worksheet 30: SCIENCE 10

Activity: Simulate how limited access to food, water, and shelter during typhoons relates to ecosystem's limiting factors and affects the carrying capacity of a population by following the steps below. After doing the task, answer the reflection questions that follow.

- Imagine that a typhoon has hit your community. **Supplies of food, water, and shelter** are limited. Your household must try to gather enough resources to survive.
Materials Needed:
 - 10 small square paper cutouts, each drawn with a can to represent **food units**
 - 8 small square paper cutouts, each drawn with water droplet to represent **water units**
 - 6 small square paper cutouts, each drawn with a house to represent **shelter units**
 - Family members (or simulate with toy figures if you are doing this activity alone)
- Place all food, water, and shelter units in the center of a table (acts as the **environment**)
- Assign 4-8 **people** (family members or simulate with toy figures if you are alone) to represent a **population**.
- Simulate gathering of resources where each person must be distributed with 1 food, 1 water, and 1 shelter unit to survive.
- If a person fails to collect all three, he or she is considered *Unsustained*.
- Do three rounds based on the setting given on the data table below. After each round, write down how many people were *Sustained* and *Unsustained*, and determine the limiting factor(s).

Round	No. of People	Setting	Resources Available			No. of People Sustained (Carrying Capacity)	No. of People Unsustained	Limiting Factor(s) (the resources which make the people <i>Unsustained</i>)
			Food Units	Water Units	Shelter Units			
1	4	Normal conditions	10	8	6			
2	8	More people, same amount of resources	10	8	6			
3	8	Same number of people but remove 50% of the resources units to simulate disrupted supply lines during calamities	5	4	3			

Reflection Questions

- What happens to the carrying capacity when essential resources are suddenly reduced?
- If the population continues to grow, but the resources stay the same, what long-term effects can you expect?