

Worksheet 1: TLE 9

ACTIVITY:

Computer Systems Servicing (CSS) is the process of maintaining, troubleshooting, and repairing computer systems and networks (PCMag, n.d.).

- I. Demonstrate your understanding of the different tools and equipment in computer system servicing through the following task:
- Identify tools and equipment used in computer system servicing that are available in your household. If you don't find any tools and equipment available at home, list down the tools and equipment that you already encountered that can be used in computer system servicing.
 - Describe the purpose of each tool and equipment in computer system and servicing.

CSS Tools and Equipment	Purpose

II. Answer the following.

- What tasks at home did you encounter that contribute to your deeper understanding of the tools and equipment in computer system servicing?
- How does knowing the purpose of each tool and equipment help you to accomplish task?

Worksheet 2: MAPEH 9

ACTIVITY:

1. Look for a photo of a family activity that shows readiness, resilience, or other positive Filipino traits during challenges such as weather disturbances or calamities. Paste the photo in the space provided below.
Note: You may draw the scene if there is no available physical photo.
2. Write 3–5 sentences below your drawing describing:
 - a. what is happening in your drawing
 - b. how your family shows readiness, cooperation, and care for each other during hard times



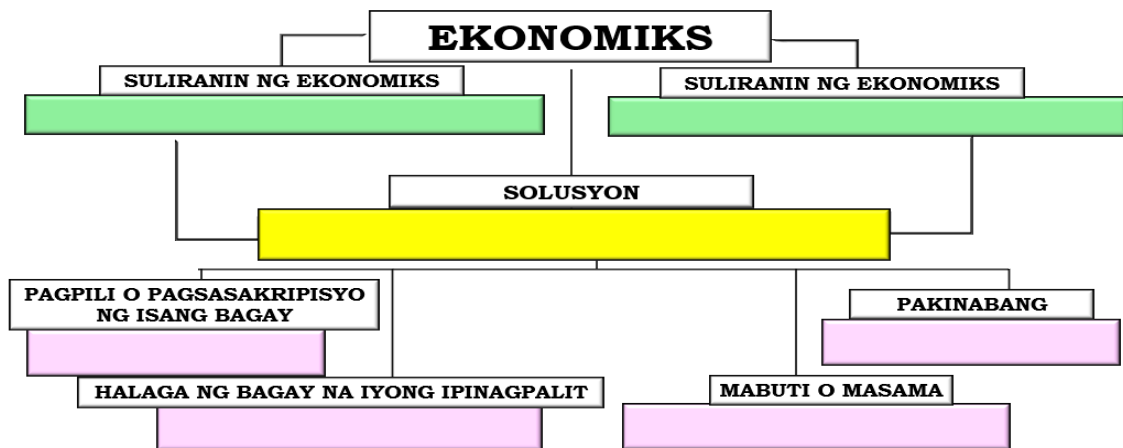
3. Answer the following.
 - a. How can this image inspire other learners like you?
 - b. If you were to post this image online, what would be your title and caption?

Worksheet 3: Araling Panlipunan 9

GAWAIN:

Bilang mag-aaral ng Ekonomiks, mahalagang maunawaan ang mga pangunahing suliraning kinakaharap ng Lipunan: ang walang katapusang pangangailangan ng tao at ang limitadong pinagkukunang-yaman. Sa pagharap sa mga suliraning ito, kailangan ang matalinong pagdedesisyon bilang solusyon. Gamitin ang iyong pag-unawa sa mga konsepto ng Ekonomiks upang punan nang tama ang lahat ng kahon.

- Punan ang dalawang kahon sa itaas ng tsart na tumutukoy sa mga suliranin sa Ekonomiks. Halimbawa: “Pagkakaroon ng kakulangan sa pagkain”
- Sa ilalim ng “Solusyon,” ilagay ang pangunahing konsepto ng matalinong pagdedesisyon. Halimbawa: “Pagpaplano ng pagkain sa loob ng isang linggo”
- Punan ang lahat ng kahon ng tamang konsepto batay sa gabay na pahayag.



Sagutin ang mga sumusunod.

- Sa anong paraan mo naranasan ang kakulangan ng yaman sa inyong bahay?
- Bakit mahalagang pag-aralan ang konsepto ng walang katapusang pangangailangan at limitadong pinagkukunang-yaman sa pang-araw-araw nating pamumuhay?
- Paano nakatutulong ang matalinong pagdedesisyon sa wastong paggamit ng limitadong yaman?
- Kung ikaw ang magdedesisyon para sa inyong pamilya, paano mo gagamitin ang limitadong budget?

Worksheet 4: ESP 9

GAWAIN:

Lagyan ng “✓” ang pangalawang kolum kung ang sitwasyon ay nagpapahayag ng paraan ng pagtitipid at pag-iimpok.

Sitwasyon	I-check mo!
1. Palaging nagbabaon ng lutong pagkain si Adam sa tuwing pumapasok sa paaralan.	
2. Tuwing uwian bumibili ng <i>milk tea</i> si Althea kasama ang kanyang mga kaibigan.	
3. Sa tuwing aalis ang pamilya ni Carlo, tinitiyak ng kanyang ina na lahat ng ilaw at mga <i>appliances</i> ay nakapatay o hindi nakasaksak sa mga <i>power outlet</i> .	
4. Pagkasahod ni Maryann, dumideretso siya sa mall ay bumibili ng mga bagay na hindi niya kailangan.	
5. Gustong gustong bumili ni Alvin ng bagong <i>cellphone</i> kahit maayos pa naman ang <i>cellphone</i> niya, kaya minabuti niyang mangutang sa kaibigan upang makabili nito.	
6. Laging nagdadala ng <i>tumbler</i> si Bea para sa tuwing siya ay mauuhaw, hindi na siya bibili ng <i>bottled water</i> .	
7. Minabuti ni Elmo na maglakad lamang papuntang paaralan kaysa sumakay ng pampublikong sasakyan, malapit lang naman ang kanilang bahay mula sa paaralan.	
8. Maingat sa gamit si Alma kaya tumatagal ito at hindi madaling masira.	
9. Inilalagay ni Oli sa alkansiya ang mga natirang pera mula sa kaniyang baon.	
10. Bumibili ng mga lokal na produkto si Agustin dahil ito ay mas mura.	

Sagutin ang mga sumusunod.

1. Ano ang naramdaman mo matapos ang gawain?
2. May mga sitwasyon ba sa gawain na naranasan mo rin sa iyong buhay?
3. Paano mo isinasabuhay ang pagtitipid at pag-iimpok sa araw-araw?
4. Ibahagi sa iyong pamilya ang mga natutunan mo sa gawain?

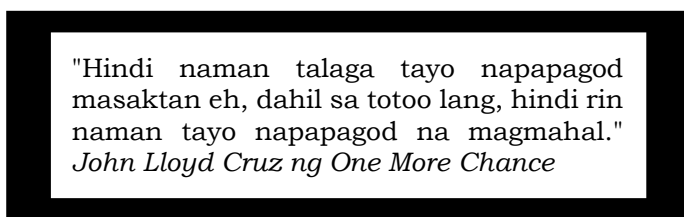
Worksheet 5: Filipino 9

GAWAIN:

Basahin at unawain ang ilang linya ng mga tauhan mula sa mga teleserye o pelikula. Ibigay ang sariling opinyon gamit ang angkop na pahayag sa pagbibigay ng opinyon. Salungguhitan ang mga pananda o ekspresyon na ginamit. Gamitin ang mga sumusunod na halimbawa bilang gabay:

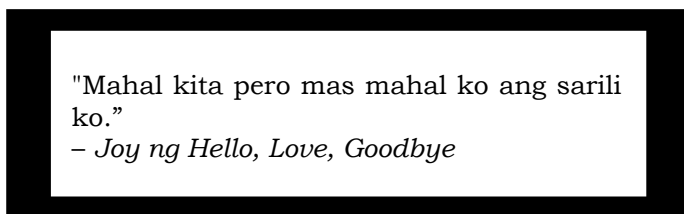
Lubos kong pinaniniwalaan... Buong tapang kong...Kung ako ang tatanungin...

Kumbinsido akong... Sa totoo lang... Sa aking palagay...

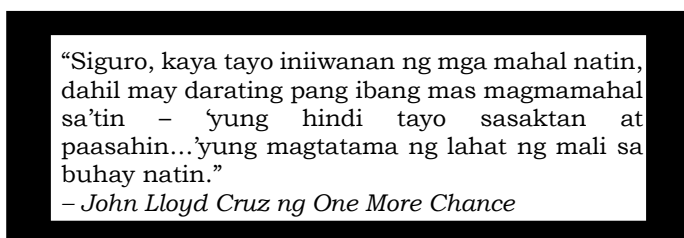


Opinyon:

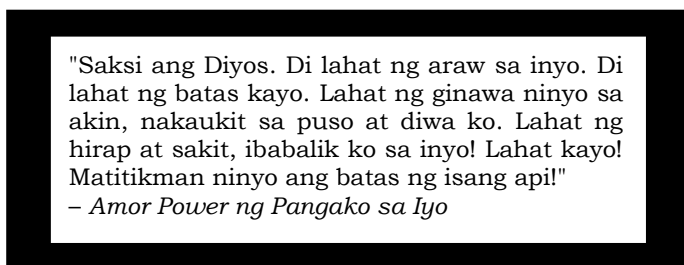
Sumasang-ayon ako sa sinabi dahil ang totoong nagmamahal ay naniniwalang sa kabila ng sakit, may pag-asa pa rin tayong makatagpo ng tunay na pagmamahal.



Opinyon:



Opinyon:



Opinyon:

Repleksiyon: Bakit mahalagang matutuhan ang mga salitang ginagamit sa pagpapahayag ng opinyon?

Worksheet 6: English 9

ACTIVITY:

Read the provided text carefully. Then, write a concise summary highlighting the main points and supporting details. Focus on capturing the essence of the text in your own words, avoiding unnecessary details. Your summary should be no more than one-third the length of the original text.



The Mango Thief

By Nerissa Senobio Francisco

The humid air hung heavy as fourteen-year-old Lenlen crept towards the old mango tree at the edge of her grandmother's property. The tree, laden with ripe, golden mangoes, was like a forbidden treasure. Grandmother Lola Cedez had warned Lenlen repetitively not to touch them, saving the fruit for a special occasion. But the aroma of the sweet, juicy mangoes was too tempting. Lenlen's stomach rumbled, a constant reminder of the meager lunch she'd eaten. With a heart pounding like a drum, Lenlen reached for a plump mango, its skin warm under her fingertips. The sweetness exploded on her tongue, a burst of sunshine in her mouth. She ate another, and another, the guilt slowly gnawing at her conscience. Suddenly, a gruff voice startled her. It was her grandmother. Lola Cedez's eyes, usually twinkling with kindness, were stern. Lenlen braced herself for a scolding, but instead, Lola Cedez offered her a small, slightly bruised mango. "This one's for you, apo ko," she said, her voice softer now. "The others are for the fiesta. But even a thief deserves a taste of sweetness." Lenlen's tears welled up, not just from the sweetness of the mango, but from the unexpected kindness of her grandmother. She learned that day that even mistakes could be forgiven, and that sometimes, the sweetest things come from unexpected places.

SUMMARY

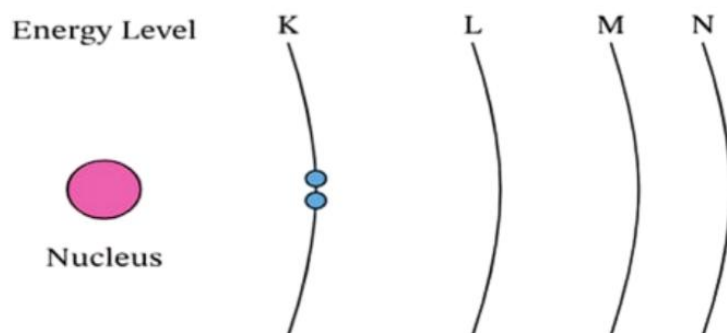
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Worksheet 7: Science 9

ACTIVITY:

In atoms, electrons occupy specific energy levels or shells, and these levels are directly related to their distance from the nucleus. The closer the electron is to the nucleus, the lower its energy. The farther it is, the higher its energy.

Refer to the illustration below to answer the questions that follow.



1. What does the biggest dot represent?
2. Which letters are used to indicate the various energy levels?
3. How do the energy levels of electrons far from the nucleus compare with those near the nucleus?
4. How are energy levels and the distance of the electrons from the nucleus related to each other?

Worksheet 8: Math 9

ACTIVITY:

Read the scenario below, then complete the activity that follows. Show all necessary computations.

Liam set up a lemonade stand on a hot summer day. He observed that his earnings increased by the same amount every hour. After selling for 2 hours, he earned ₱200. After 4 hours, he earned ₱400.

1. Based on the scenario, which two points (pairs of hours and earnings) can you plot on the graph to show Liam's earnings over time?

2. Fill in the table below and draw the graph on graphing paper.

Number of Hours	1	2	3	4	5
Earnings (in pesos)		200		400	

3. How much will Liam earn if he sells lemonade for 8 hours?
4. How many hours does Liam need to sell to earn ₱1,000?
5. How much do Liam's earnings increase every hour? What does this tell you?
6. Write an equation that shows how Liam's total earnings (y) depend on the number of hours (x) he sold lemonade.
7. Explain how you used the concept of slope (rate of change) and intercept to represent this situation.
8. Give other real-life examples where earnings or savings increase over time.

Worksheet 9: TLE 9

ACTIVITY:

Draw the tools equipment below, identify the function of each tool, and classify the given tools and equipment based on whether they can be used for household tasks, computer systems servicing, or both. Indicate the applicable task by putting a ✓ in the appropriate column.

TOOLS/ EQUIPMENT'S	DRAWING	FUNCTION	HOUSE- HOLD	COMPUTER SYSTEM SERVICING
Anti-static wrist strap				
Cable ties				
Flat head screwdriver				
Multimeter				
Needle-nose plier				
Philips head screwdriver				
Torx screwdriver				
Tweezers				
Wire cutter				

Question: How do you select the best tool for a specific job?

Worksheet 10: MAPEH 9

ACTIVITY:

A healthy lifestyle involves physical activity and a balanced diet through proper food consumption. Let's improve your health by creating your own personalized exercise program. (e.g., 5-minute warm-up, 10 squats, 10 jumping jacks, etc.) For those with limited space, alternatives such as maximizing seated stretches and other low space need exercises can be added to your exercise program. Ready?

My Personalized Exercise Program		
Name:		Birthdate:
1. What do you think are the two important parts of a healthy lifestyle?		
2. Why do you think exercise is important for your body?		
3. Why do you think eating balanced meals is important?		
Activity	Kind of Exercise	Time / Number of Repetitions
Warm-up		
Main Exercise 1		
Main Exercise 2		
Main Exercise 3		
Cool down / Stretch		

Invite a family member to perform your designed fitness plan. Make sure they have similar physical needs as you do!

Answer the following questions.

1. How did you feel after the activity?
2. What benefits do you think you will gain from doing this kind of exercise at home?
3. What is your fitness message to learners like you?

Worksheet 11: Araling Panlipunan 9

GAWAIN:

1. Ikaw ay bibigyan ng halagang ₱500 upang mamili ng mga produktong karaniwang ginagamit mo sa pang-araw-araw na pangangailangan.
2. Gumawa ng listahan ng mga produkto na iyong bibilhin, kasama ang presyo ng bawat isa, na sa palagay mo ay kakasya sa halagang ₱500.
3. Sagutin ang mga gabay na tanong upang maipakita ang iyong pag-unawa sa konsepto ng pagkonsumo.

Produkto	Presyo (Tinataya)
Bigas (1 kg)	₱50
Sardinas (1 lata)	₱35
Instant noodles (1 pack)	₱15
Canned meat (1 can)	₱40
Itlog (1 dosena)	₱90
Tinapay (1 loaf)	₱55
Gatas (powdered, small)	₱60
Sabong panligo (1 bar)	₱25
Sabong panlaba (1 bar)	₱20
Shampoo (sachet, 3 pcs)	₱15
Toothpaste (small tube)	₱30
Face mask (5 pcs)	₱30
Notebook (1 pc)	₱25

Produkto	Presyo (Tinataya)
Ballpen (2 pcs)	₱20
Pencil (2 pcs)	₱15
Eraser	₱10
Ruler (plastic)	₱20
Kandila (2 pcs)	₱20
Alcohol (small bottle)	₱40
Tsinelas (basic pair)	₱60
Walis tambo	₱80
Biscuit (1 pack)	₱25
Softdrinks (500ml)	₱25
Ice cream (small cup)	₱35
Milk tea (small)	₱70
Chips (medium pack)	₱40

Listahan ng aking mga bibilhin	
Produkto	Presyo

Sagutin ang mga sumusunod na tanong.

1. Ano ang naging basehan mo sa pagpili ng mga produktong binili mo?
2. Sa paanong paraan mo naipakita ang matalinong pagkonsumo sa halagang ₱500?
3. Ano ang natuklasan mo tungkol sa paraan ng pamimili mo ng iyong mga pangangailangan?

Worksheet 12: ESP 9

GAWAIN:

Mula sa mga larawan, lagyan ng ekis (X) ang mga bagay na nais mong bawasan o alisin ang paggamit upang makatulong sa pangangalaga ng kalikasan.



Sagutin ang mga sumusunod na tanong.

1. Mula sa naging gawain, ano-anong mga larawan ang iyong nilagyan ng ekis (X)?
2. Makakatulong ba sa kalikasan kung babawasan o aalisin ang mga larawang nilagyan mo ng ekis? Ipaliwanag ang iyong sagot.
3. Sumulat ng isa o dalawang pangungusap na tumutukoy sa iyong naging realisasyon mula sa gawain.

Worksheet 13: Filipino 9

GAWAIN:

Ang **tunggaliang tao laban sa sarili** ay isang uri ng panloob na labanan kung saan ang pangunahing tauhan ay nakikipaglaban sa kaniyang sariling damdamin, pag-iisip, o moral na paniniwala. Karaniwan itong makikita sa mga kuwento kung saan ang tauhan ay kailangang pumili sa pagitan ng tama at mali, harapin ang takot o pagdududa, at gumawa ng desisyong magpapabago sa kaniyang buhay.

Isulat ang iyong karanasan sa isang sitwasyong nagpapakita ng tunggaliang tao laban sa sarili. Ano ang naramdaman mo sa simula? Ano ang naging desisyon mo at bakit?

Halimbawa: "Nahihirapan akong pumili kung ipagpapatuloy ko ang isang bagay na gusto ko kahit alam kong may masamang epekto ito."

Sagutin ang mga susunod na tanong.

1. Paano mo ipinakita ang iyong pakikibaka sa sarili?
2. Anong mga hakbang ang iyong ginawa upang mapaglabanan ito?

Worksheet 14: English 9

ACTIVITY:

Carefully read the provided poem and analyze how its structure, literary devices (e.g., metaphor, simile, personification), and themes contribute to its overall meaning.



The Unfurling

Nerissa Senobio Francisco

The city sleeps, a tangible dream,
Beneath a sky, a bruised, dark gleam.
The rain descends, a whispered plea,
Washing the dust from every tree.
A single leaf, a friable thing,
Unfurls its veins, begins to sing
A silent song of strength and grace,
Against the wind's unyielding pace.
It clings and sways, a verdant fight,
Against the shadows of the night.
Then, finds its peace, a gentle fall,
Returning to the earth's soft thrall.

Structure: The poem uses a simple AABB rhyme scheme and a consistent four-line stanza structure.

Literary Devices: The poem employs personification (the leaf "sings," "fights"), imagery ("bruised, dark gleam," "verdant fight"), and metaphor (the city as a "concrete dream").

Themes: The poem explores themes of resilience, acceptance, and the cyclical nature of life and death. The leaf's journey can be interpreted as a metaphor for overcoming challenges and finding peace.

Write a two-paragraph literary analysis essay explaining how the poem's structure, literary devices, and themes contribute to its overall meaning. Use the space provided below.

Some examples of analysis might include:

1. "The poem's structure helps emphasize..."
2. "One example of personification is..."
3. "This poem reminds me of..."

Worksheet 15: Science 9

ACTIVITY:

I. Read the selection below about ionic and covalent compounds.

Ionic and covalent compounds differ significantly in their physical properties due to the nature of their bonding.

- **Ionic compounds**, formed by the transfer of electrons, generally exhibit high melting and boiling points, hardness, and good conductivity when molten or in solution.
- **Covalent compounds**, formed by the sharing of electrons, typically have low melting and boiling points, are soft, and are poor conductors of electricity.

II. Fill out the table below by listing the characteristics of ionic and covalent compounds.

Ionic Compounds	Covalent Compounds

III. Answer the following questions.

a. Can you give one example of each compound that can be found at home?

b. Water is an example of a covalent compound. How important is water in your household?

Worksheet 16: Math 9

ACTIVITY:

Read the given scenario then complete the activity below.

You used a 3-digit combination lock to secure your bike. Unfortunately, you forgot the exact code. You only remember that the code includes the digits 1, 4, and 7, and all three digits are used in some order.



1. Using the digits 1, 4, and 7, how many unique 3-digit codes can you form if each digit is used only once? List all possible arrangements.

You could use a tree diagram to determine the permutations. Example:

First Digit	147	
Second Digit	47	
Third Digit	74	
Combination	147174	

2. If you randomly try one combination, what is the probability (chance) that you guess the correct code on your first try?
3. What might happen if you try to guess the code without any clues? Do you think it would be simple or difficult? Explain your answer.
4. Think of a real-life situation where using or remembering a code is necessary. Describe the situation and explain why the code is important.

Worksheet 18: MAPEH 9

ACTIVITY:

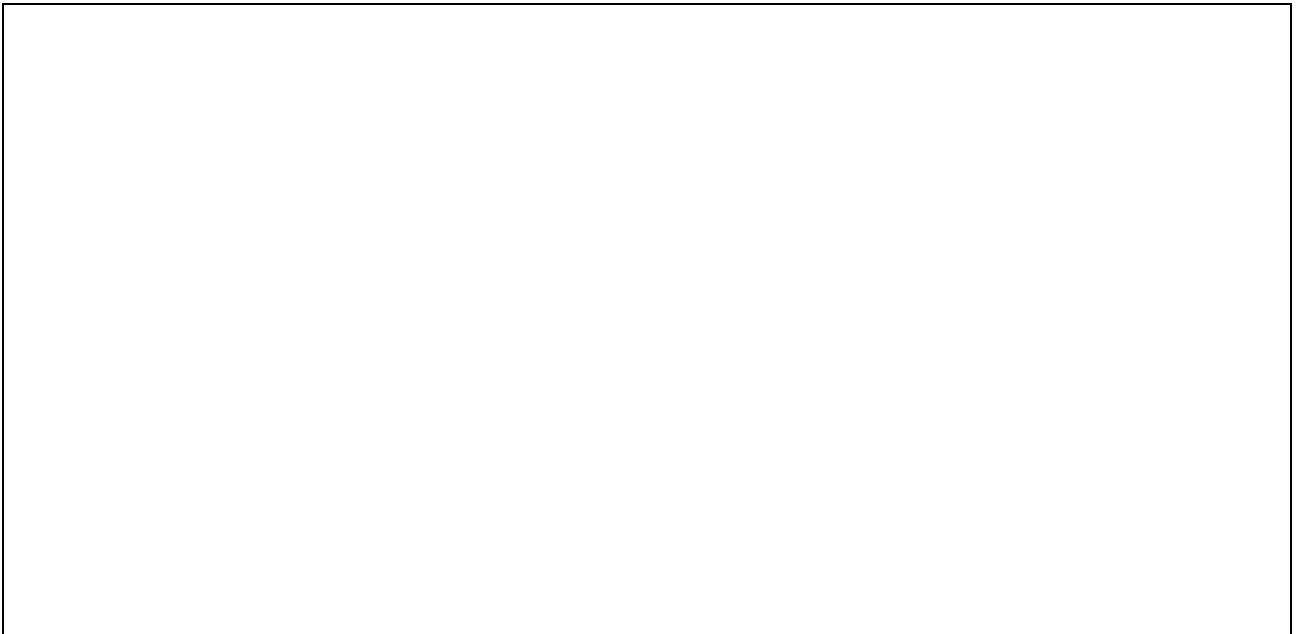
How do you feel today? Breathe in, breathe out... Reflect and interpret your feelings today by using lines and shapes.

I. Drawing Lines and Shapes to Express Mood, Feelings, and Emotions

1. Take a deep breath and relax for 30 seconds. Think of different lines and shapes that represent your current feelings.
2. Begin composing your artwork. Use straight or dynamic lines and shapes to fill your canvas.
3. You may intentionally create shapes and use different colors to express your emotions.

Sample doodle: pinterest.com/pin/712624341014866462/

Use the space below to create your artwork.



II. Answer the following questions.

1. How do you feel after the activity?
2. What lines and shapes represent your feelings?
3. Did you form any image out of the lines and shapes? What idea or message does it convey?
4. Did this activity help you relax? How?

Worksheet 19: Araling Panlipunan 9

ACTIVITY:

Suriin ang ilustrasyon sa ibaba na nagpapakita ng tatlong basket ng bilihin.



**Bilihin
Noon**



**Bilihin
Ngayon**



**Bilihin
Bukas**

**Saan aabot
ang ₱100
mo?**

Sagutin ang mga sumusunod na tanong.

1. Kung iyong ihahambing ang maaaring mabili ng iyong isang daang piso sa nagdaang panahon, kasalukuyan, at sa hinaharap, gaano karami ang iyong mabibili? Ano ang iyong masasabi sa pagbabagong ito?
2. Ano-anong salik o dahilan ang maaaring nagdulot ng pagtaas ng presyo ng mga bilihin sa Basket Ngayon at Basket Bukas? Paano ito nakakaapekto sa presyo ng mga bilihin?
3. Paano nakakaapekto ang implasyon sa kakayahan ng isang pamilyang Pilipino na matugunan ang kanilang pangunahing pangangailangan?

GAWAIN:

Ang pagkakaisa ay mahalagang salik ng isang lipunan. Kapag ang bawat isa ay nagtutulungan, nagkakaunawaan, at may malasakit sa kapwa, mas mabilis na naisasagawa at naisasakatuparan ang layunin nito. Sa pamilyang Pilipino, sa pagkakaisa, naiiwasan ang alitan at nagkakaroon ng maayos na samahan ang bawat miyembro nito. Ito rin ay nagpapalakas ng tiwala at respeto sa bawat isa. Ang isang lipunang may pagkakaisa ay mas matatag, mas mapayapa, at mas handang harapin ang anumang hamon. Kaya't bilang miyembro ng pamilya at mamamayan ng lipunan, mahalagang isabuhay ang pagkakaisa sa araw-araw upang makamit natin ang isang maunlad na lipunan.

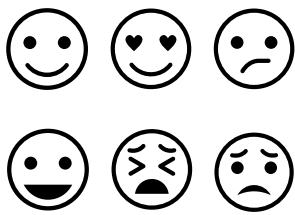
Ako ay Makikiisa Tungo sa Pag-unlad ng Lipunan

[illegible]

Worksheet 21: Filipino 9

GAWAIN:

- I. Sa tulong ng tsart na Bintana ng Emosyon, pumili ng isang emoticon at alalahanin kung kailan mo ito huling naramdaman. Pagkatapos, basahin at unawain ang mga diyalogo mula sa comic strip at sagutin ang tanong gamit ang lobo ng usapan.

BINTANA NG EMOSYON	
Pumili ng emosyon at bilugan ito. 	Kailan mo huling naramdaman ito?
Basahin mo. 	Tugunan mo! 

- II. Sagutin ang mga sumusunod na tanonong.

1. Paano nakatutulong sa tao ang kakayahang matukoy ang kaniyang sariling damdamin o emosyon?
2. Ano ang maaaring mangyari kung hindi naipapahayag nang maayos ang emosyon o damdamin?
3. Paano mo maipapakita ang pag-unawa sa damdamin ng iba?

Worksheet 22: English 9

ACTIVITY:

Read the article below carefully. Pay attention to details, inferences, and the overall message of the article. Answer the questions that follow.

Making English Easier for 9th Graders

Nerissa Senobio Francisco

Grade 9 can be a challenging year for students, especially in mastering English grammar vocabulary, and reading comprehension. Some words come from different subjects, so these are hard to remember. This makes learning more difficult.

Grammar is tricky too—knowing how to make good sentences and use punctuation can be confusing. Reading is tough when students don't see many kinds of writing. It is harder to understand directions and join class discussions.

Teachers can help by making lessons fun and showing how to use English in real life. If students read and speak English more, they get better. A kind classroom helps students learn and feel more confident.

Questions.

1. What are the three main challenges Grade 9 students face in learning English, as identified in the article?
2. Why is the classroom environment important for language learning?
3. What is the main message or argument presented in the article about the challenges Grade 9 students face in learning English?
4. Have you also experienced these challenges? How did you deal with them?

Worksheet 23: Science 9

ACTIVITY:

Read the paragraph below carefully.

Volcanic eruptions can be classified and sequenced according to increasing explosivity: Hawaiian, Strombolian, Vulcanian, and Plinian. These types differ in the intensity of their explosions and the kind of material they eject. For example, the 1950 eruption of Mauna Loa in Hawaii is a classic Hawaiian-type eruption, known for its gentle lava flows and minimal explosive activity. In contrast, the Parícutin eruption in Mexico (1943–1952) displayed characteristics of a Strombolian eruption, marked by moderate bursts of gas and lava. A more violent eruption occurred recently in 2025 at Sakurajima in Japan, which exemplifies a Vulcanian-type eruption, featuring short but powerful blasts of ash and rock. At the most explosive end of the scale is the Plinian eruption of Mount Vesuvius in 79 AD, which buried the Roman cities of Pompeii and Herculaneum under volcanic ash and pumice, showcasing the devastating power of this type.

I. Complete the table below based on the information you have gathered from the text.

Types of Volcanic Eruptions	Sequences
	Mauna Loa in 1950
	Parícutin in Mexico (1943–1952)
	Sakurajima eruption in 2025
	79 AD eruption of Mount Vesuvius

II. Answer the following.

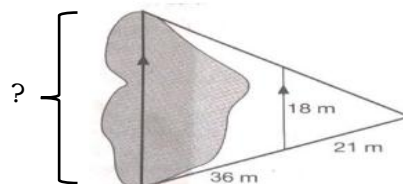
1. What are the three types of volcanic eruptions mentioned in the paragraph?
2. How are volcanic eruptions categorized according to the paragraph?
3. Compare the characteristics of Strombolian, Vulcanian, and Plinian eruptions based on their explosiveness and materials ejected.
4. Why do you think it's important to classify volcanic eruptions?
5. In your own words, explain why understanding volcanic eruption types is important for safety and preparedness?

Worksheet 24: Math 9

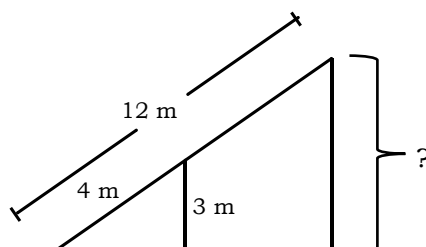
ACTIVITY:

Solve the following problems. Use what you learned about triangle similarity and right triangles to solve these problems. Provide complete solutions.

1. Solve for the indicated distance across the lake.

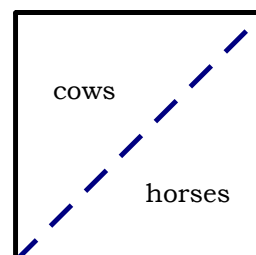


2. A 12-m fire truck ladder leaning on the vertical fence also leans on the vertical wall of a burning three-story building as shown in the figure. How high does the ladder reach?



3. Julia walked 4 meters North, 8 meters West, then 2 meters North, and 4 meters West. How far is she from her starting point?

4. A square farm with a total area of 2500 sq. meters is to be divided diagonally to separate the cows from the horses. How much fencing wire is needed to divide the farm?



Worksheet 25: Araling Panlipunan 9

GAWAIN:

Ang **sektor ng paglilingkod** ay binubuo ng mga taong nagbibigay ng serbisyo sa lipunan. Kabilang dito ang mga guro, nars, pulis, doktor, kawani ng pamahalaan, at iba pang propesyon na tumutulong sa kapakanan ng mamamayan. Hindi sila gumagawa ng produkto, kundi nagbibigay ng tulong, kaalaman, kalusugan, seguridad, at iba pang serbisyo na mahalaga sa araw-araw na pamumuhay.

Suriin ang larawan sa kanan na nagpapakita ng iba't ibang kalagayan ng mga manggagawa sa sektor ng paglilingkod.



Sagutin ang mga sumusunod.

1. Anu-ano ang mga suliranin o isyung kinakaharap ng mga manggagawa sa sektor ng paglilingkod batay sa larawan?
2. Paano nakaaapekto ang mga suliraning ito sa kanilang kabuhayan bilang manggagawa?
3. Kung ikaw ay magiging bahagi ng sektor ng paglilingkod, tulad ng pagiging guro, pulis, o nars, ano ang maaari mong gawin upang makatulong sa pagbabago?
4. Isulat ang iyong sagot sa isang maikling talata.

Worksheet 26: ESP 9

GAWAIN:

I. Basahin ang teksto sa ibaba.

Bilang mga tao na nilikha ng Diyos, tayo ay hinirang upang maging katiwala ng lahat ng bagay na Kanyang nilalang—mula sa maliliit na damo hanggang sa malalawak na karagatan. Hindi aksidente ang ating pag-iral sa mundong ito, kundi bahagi ng mas malawak na layunin ng Diyos: ang pangalagaan at pagyamanin ang Kanyang likha. Kaya bilang mabuting katiwala, nararapat lamang na makilahok tayo sa mga proyektong pangkapaligiran gaya ng pagtatanim ng puno, paglilinis ng paligid, at tamang pamamahala ng basura. Ang ating pakikibahagi ay hindi lamang simpleng gawain, kundi pagtupad sa isang banal na tungkulin—ang alagaan ang kalikasang ipinagkatiwala sa atin. Sa pamamagitan ng mga konkretong hakbang na ito, naipapakita natin ang ating malasakit hindi lang sa kalikasan kundi sa kalooban ng Diyos na tayo'y maging tagapangalaga ng Kanyang nilikha.

II. Gamit ang gabay na pormat, isulat ang iyong mga ginagawa sa araw-araw na nagpapakita ng pagiging mabuting katiwala ng kalikasan.

LAYUNIN	Halimbawa:	LUNES	MARTES	MIYERKULES	HUWEBES	BIYERNES
KILOS NA NAGPAPAKITA NG PAGKAKAISA	Naglinis ng bakuran kasama ang pamilya					

III. Repleksiyon.

Mula sa nabasang teksto at naging gawain, ano ang inyong natutunan? Isulat ang iyong sagot sa isang talata.

Worksheet 27: Filipino 9

GAWAIN:

I. Pumili ng akdang nabasa mo na may kaugnayan sa kultura ng isang Asyano.

Sumulat ng isang kuwento ng iyong buhay na maiuugnay mo mula sa alinmang akdang nabasa na sumasalamin sa kultura ng isang mamamayang Asyano. Ilahad ito gamit ang 1-2-3 tsart ng *Salamin ng Kultura, Isalaysay Mo* sa ibaba.

Tsart 1 – Anong kultura ang nakita mo sa akdang nabasa?

Tsart 2 – Isang pangungusap mula sa iyong karanasan na nagpapakita ng kulturang ito.

Tsart 3 – Ano ang mahalagang pangyayari sa iyong buhay na bunga ng pagpapanatili ng kulturang ito?



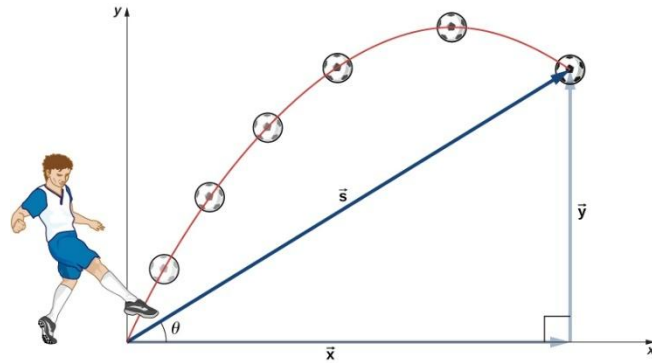
II. Repleksiyon.

Bakit mahalagang matukoy ang nasasalaming kultura sa isang akda, at paano ito nakatutulong sa mas malalim na pag-unawa sa mensahe ng kuwento?

Worksheet 29: Science 9

ACTIVITY:

Projectile motion refers to the curved path an object follows when it is thrown or launched into the air. The motion depends on the angle, speed, and gravity.



The relationship between the angle of release and the height and range of a projectile is such that higher launch angles result in greater height but shorter range, while lower launch angles lead to shorter height but greater range. Specifically, a 45-degree launch angle provides the maximum horizontal range.

Refer to the illustration above to answer the following.

1. What does the boy do in the picture?
2. Describe two things that happen to the ball as the boy kicks it.
3. What is the relationship between the angle of release and the height and range of a projectile?
4. Is there a relationship between a falling ball and projectile motion?

Worksheet 30: Math 9

ACTIVITY:

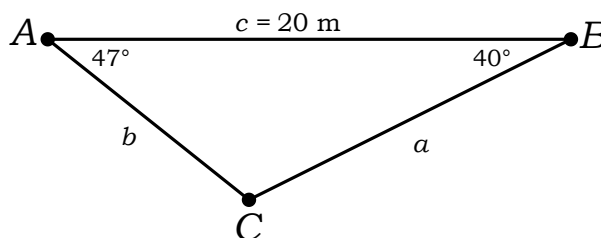
Oblique triangles are triangles that do not have a right angle. To solve problems involving these triangles, we use the Law of Sines or the Law of Cosines depending on the given information. The following steps are suggested.

Law of Sines	Law of Cosines
$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$	$c^2 = a^2 + b^2 - 2ab \cos C$

Solve the following problems using oblique triangles. Draw a diagram for each item and properly label this based on the given information. Express your final answers in two decimal places.

1. In the same water depth, two scuba divers who are 20 meters apart spot a shark in the deeper part of Pacific Ocean. The angles of depression of the shark from Diver A and Diver B are 47° and 40° , respectively. How far is each diver from the shark?

The diagram is provided as an example.



2. Toby and Tyler both start at point A. Each walk in a straight line, and their paths form an angle of 105° . If after 45 minutes Toby has walked 4.5 km and Tyler has walked 6 km, how far apart are they from each other?
3. Bell has three wood logs measuring 19 cm, 23 cm, and 27 cm. He lays them down to form a triangle. Find the measure of the angle formed by the sticks to the nearest degree.
4. Three Cruise liners are at sea: Wilma (W1), Wilmer (W2), and Wilude (W3). The crew of W1 can see both W2 and W3. The angle between the line of sight to W2 and the line of sight to W3 is 45 degrees. If the distance between W1 and W2 is 2 miles and the distance between W1 and W3 is 4 miles, what is the distance between W2 and W3?