INOCENCIO SCHOOL Montessori Playschool
INOCENCIO INTEGRATED SCHOOL
"That every child finds joy and love for learning."
#1080 Dona Andrea I Subd., Bernal St. Rosario, Pasig City

THIRD QUARTERLY ASSESSMENT
SCIENCE 7
Prepared by: Ms. Anna Elisa S. Tanael

Name: _____ **Score:** _____/70_____
Grade and Section: _____ **Date:** _____

IMPORTANT REMINDERS: Following instructions is part of the exam. Failure to follow instructions will cause a 5-point deduction from the total raw score.

I. Modified True or False. Analyze the statement below. Write T if the statement is true and if the statement is false, change the underlined word/s to make the statement true. Write your answer in the space provided. (10 points)

_____ 1. To have electricity, protons must first flow.
_____ 2. Protons can flow in different ways such as jumping, flowing, and attracting.
_____ 3. When an electron leaves a body, the body will be positively charged having excess protons.
_____ 4. Like charges attract and unlike charges will repel each other.
_____ 5. Charles Agustin de Coulomb found out that the quantity of a charged body is equal to the number of free electrons.
_____ 6. Electric line of force + Electric charge = Electricity.
_____ 7. F x d = work is possible.
_____ 8. Potential Differential is also called electromotive force because it is the force that moves the charges.
_____ 9. Conventional Current flows where the form is from (-) to (+) or from higher voltage to lower voltage.
_____ 10. The potential energy inside the battery is responsible for the reversal of flow.

II. Identification. Identify what is being asked in each number. Write the answer in the space provided. (10 points)

_____ 11. It is the government agency in the Philippines responsible for the monitoring of seismic activities and determining accurate earthquake information.
_____ 12. This system classifies the effect of earthquakes into twelve grades expressed in Roman Numerals.
_____ 13. It measures the strength of trembling produced by the earthquake of a certain place.
_____ 14. It indicates the amount of energy released at the epicenter.
_____ 15. He perfected the recording of the seismograph in the 19th century.
_____ 16. It is a quick receding water on the beach.
_____ 17. This fault poses the greatest danger because of its modern structures and progressive communities.
_____ 18. It is derived from the Chinese word 'Tai Fung.'
_____ 19. It is a region of low atmospheric pressure at sea level and is an extension of the Intertropical Convergence Zone.

LIVEWORKSHEETS

_____ 20. It is the typhoon that brought a lot of damage to the Philippines on November 7 – 8, 2013.

III. Enumeration. Give what is being asked. (5 points)

How do typhoons form and develop?

21. _____
22. _____
23. _____
24. _____
25. _____

IV. Comic Strip Making. Make a 5-box comic strip for the following scenarios: (15 points)

26. – 30. What do you need to do before an earthquake?

31. – 35. What do you need to do after an earthquake?

Rubrics for the Comic Strip:

5 points – The student followed the instructions, the message was on point, and he could make it creative, clear, and clean.

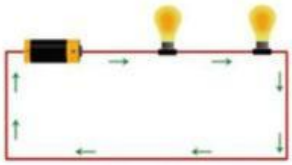
3 points – The student was able to make a 5-box comic strip, however, the message was not clear and the work was untidy.

1 point – The student was able to make a comic strip, no sense, and the work was untidy.

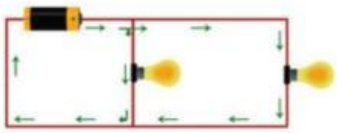
LIVEWORKSHEETS

V. Picture Analysis. Using the pictures below, analyze how electricity flows in these circuits. Also, determine what would happen to each kind of circuit if a light bulb were removed. Answer in 3 or more sentences. (5 points)

36. – 40. _____



Series Circuit



Parallel Circuit

VI. Poster Making. Create a poster that will help people realize the dangers of typhoons. Explain your work in 3 sentences. (10 points)

41. – 47. Make your poster in this space.

48. – 50. Explain your poster here in 3 sentences.

_____

Rubrics for Poster Making:
10 points – the poster made was unique, was able to send a clear message about the instruction, was creative, colorful, tidy, and was able to explain 3 sentences.
7 points – the poster was on point with the instruction, colorful, and tidy, but was not able to complete 3 sentences for the explanation.
4 points – the poster was made unique, but the message was unclear, and was not able to complete 3 sentences or no explanations were made.

LIVEWORKSHEETS

VII. Answer the following questions in 3 or more sentences. (20 points)

51. – 54. What is the significance of the three basic electrical quantities in a circuit?

55. – 58. Why are earthquakes common in countries located on the Pacific Ring of Fire?

59. – 62. After knowing the fact that we are prone to typhoons, how should our government prepare the Filipino people for future typhoons to avoid too much damage to properties and loss of lives?

63. – 66. Mayor Vico Sotto recently distributed 'Go Bags' to all his constituents in his municipality, Pasig City. What do you think is the significance and importance of this bag in relation to our lesson? What do you think should we also need to pack to protect ourselves and our property?

67. – 70. If you were to spot a comet on a clear dark sky at night, what else would you call it and why?

***** END OF EXAM *****

LIVEWORKSHEETS