LEARNING AS ONE NATION

Expanded Project

Stat & Prob_SP

SHS LEARNING ACTIVITY

Name: _____ **Score/Mark:** _____

Grade and Section: _____ **Date:** _____

Strand: ☐ STEM ☐ ABM ☐ HUMSS ☐ ICT (*TVL Track*)

Subject: ***Statistics & Probability***

Type of Activity: ☐ Concept Notes ☐ Skills: Exercise/Drill ☐ Illustration ☐ Performance Task ☐ Essay/Report ☐ Others: _____

Activity Title: **Semestral Plan for the 2nd Semester**

Learning Target: To outline the topics to be taken up in Statistics and Probability for 2nd semester.

References: *(Author, Title, Pages)*
DepEd Most Essential Learning Competencies
L.E.B. Bolaer, M.V.C. Bernido, CVIF Learning Activities

TOPIC	ACTIVITY TITLE
Random Variables and Probability Distributions	1. Random Variables 2. Random Variables: Discrete and Continuous 3. Exercises on Random Variables 4. The Probability of a Random Variable 5. The Probability Distribution (Discrete Random Variable) 6. Probability Mass Function 7. Probability Histogram 8. Exercises on Computing Probabilities of Random Variables 9. Mean of a Discrete Random Variable 10. Variance of a Discrete Random Variable 11. Exercise for Computing the Mean and Variance of a Discrete Random Variable
The Normal Distribution	12. Normal Distribution 13. Characteristics of a Normal Distribution 14. Standard Normal Distribution
The Bivariate Data	15. Bivariate Data
The Scatter Plot	16. Scatter Plot
Pearson's Sample Correlation Coefficient	17. Pearson Product-Moment Correlation Coefficient
The Regression Analysis	18. Regression Analysis