LEARNING AS ONE NATION

Expanded Project

Stat & Prob_5b

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: Probability Histogram

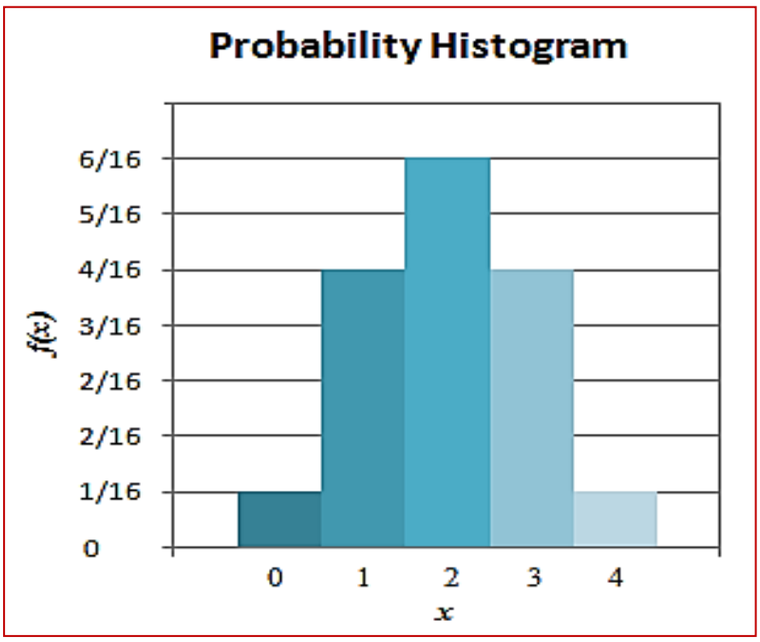
Learning Target: To construct a probability histogram based on a probability distribution.

References: *(Author, Title, Pages)*

1) Walpole, R. E. et al. "Probability and Statistics for Engineers & Scientists, 8th Ed", pp. 83-96;
2) L.A. Sajulga, CVIF Learning Activities

Probability Histogram

A *probability histogram* is especially useful in displaying the behavior of the probability distribution in graphical form. The probability histogram for the probability function in the previous activity is:



Exercise:

Construct a probability histogram for the exercise of the previous activity.