BASIC 7

WEEKLY LESSON PLAN – WEEK 1

DISCUSSION OF LAST TERM EXAMINATION QUESTIONS (REVISION)						
Week Ending	12-01-2024					
Class	B.S.8	**Class Size:**		**Duration:**		
Subject	Mathematics					
Reference	Examination Questions, Marking Scheme, Learners Note books, Marked Scripts.					
DAYS	**PHASE 1 : STARTER**	**PHASE 2: MAIN**			**PHASE 3: REFLECTION**	
WEDNESDAY	Ask Learners to take their copies of the Previous term examination questions and the marked answer sheets for discussion.	1. Select a model reader to read the essay type questions to the class. 2. Call Individual Learners at random to answer questions. 3. Discuss questions with the Learners. **Samples of Essay Type Questions;** Answer only four questions from this section. 1. (a) Write these numerals in words. (i) 2,408,321 (ii) 10567451 (b) Skip count in 500s up to the fifth number. (i) 1,800,000, ____, ___, ___, ____, ____ (ii) 700,000, ___, ___, __, __, ___, (c) Find the H. C. F. of 42 and 36 2. (a) There are 80 farmers in a certain village who grow maize and rice or both. Out of the 80 farmers, 50 grow maize and 60 grow rice. (i) Represent the information on an venn diagram. (ii) If x of them grow both crops, write on equation in x and solve forit. (b) Use the partitioning or expanded form to subtract 37.85 ffrom 193.60 (c) List the prime products of 2700. 3. (a) Kofi bought 8 note books at GH¢12.00 each. Ama bought 12 pens at GH¢5.00			Give Learners exercise on samples of the examination questions to answer in their exercise books.	

each. How much altogether they spend on the items?

(b) Solve these equations.

(i) $\frac{1}{27} = 3^x$

(ii) $22^x = 16$

(c) Simplify the following:

(i) $\frac{3}{4} \div \frac{5}{8} + \left(\frac{4}{5} - \frac{1}{2}\right)$

(ii) $\left(\frac{3}{4} + \frac{5}{8}\right) x \frac{4}{11} - \frac{1}{2}$

4. (a) The diameter of a wawa tree is currently 10 inches when it is measured at chest height. After 50 years, the diameter is expected to increase by an average growth of $\frac{2}{5}$ inch per year. The equation $y = \frac{2}{5}x + 10$ gives you y, the diameter of the tree in inches, after x years.

(i) Copy and complete the table below

X (years)	0	10	20	30	50
Y (diameter in inches)					

(ii) On a graph sheet, draw two perpendicular axes ox and oy.

(ii) Using a scale of 2cm to 5 unit on the y-axis and 2cm to 10 unit on the x-axis, mark ox axis from 0 to 60 and oy-axis from 0 to 40

(b) Plot the points and Join them with a straight line.

FRIDAY	A model reader to read multiple choice questions to the class.	1. Call Individual Learners at random to choose correct answers among options. 2. Learners brainstorm to give reasons or explanations to their answers. 3. Discuss with Learners answers to challenging multiple choice. **Samples of Objective Test Questions;** 1. Write two million, four hundred and eight thousand, three hundred and twenty-one in figures. A. 2,408,321 B. 240,081,321 C. 2,040,832 D. 2,408,302 2. Write 8765049 in standard form A. 8.765049×10^{6} B. 87.65049×10^{6} C. 8.765049×10^{-6} D. 8765649×10^{6} 3. Express 975.867470 to three decimal places. A. 975.870 B. 975.8675 C. 975.867 D. 975.8678 4. Identify the set of perfect square numbers from 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,…. A. {16, 12, 15} B. {4, 9, 16} C. {6, 8, 10} D. {16, 17, 18} 5. What is the square root of 225? A. -15 B. 25 C. 15 D. -25	Give Learners exercise on samples of the A-D multiple choice questions to answer in their exercise books.

Name of Teacher: **School:** **District:**