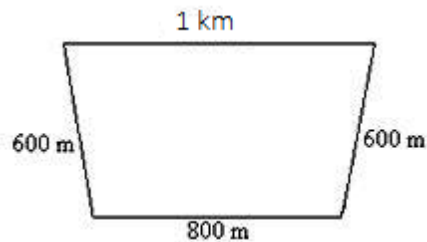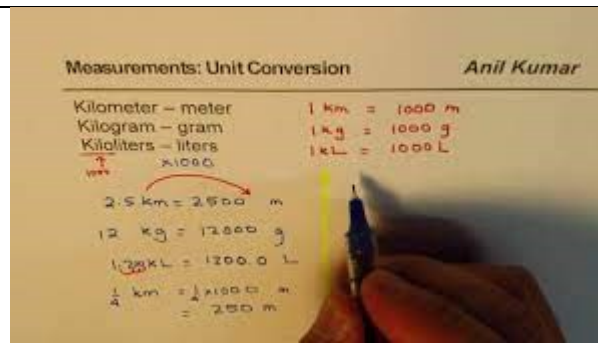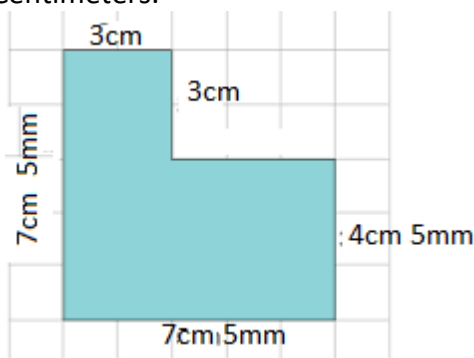**BASIC 7**

WEEKLY LESSON PLAN – WEEK 4

Learning Indicator(s)	B.7.3.2.1
Performance Indicator	B.7.3.2.1.1 Calculate the perimeter of given shapes whose dimensions are in two units (i.e. cm and mm, m and cm, or km and m) B7.3.2.1.2 Use the relationships between the diameter and circumference to deduce the formula for finding the circumference of a circle and use it to solve problems.
Week Ending	07-10-2022
FORM	B.S.7
Subject	Mathematics
Reference	Teachers Resource Pack, Learners Resource Pack, Textbook.
Teaching / Learning Resources	Meter Rule, Pictures, Shapes

DAYS	PHASE 1 : STARTER	PHASE 2: MAIN	PHASE 3: REFECTION
MONDAY **03-10-2022**	Review Learners knowledge on finding perimeter of shapes.	1. Assist Learners to ccalculate the perimeter of shapes with dimensions given in kilometers and meters. 2. Learners individually convert meters into kilometers. 3. Assist Learners to add distances around shapes. 	**Core Competencies;** 1. Ability to combine Information and ideas from several sources to reach a conclusion 2. Demonstrate behaviour and skills of working towards group goals

Measurements: Unit Conversion — Anil Kumar

TUESDAY **04-10-2022**	Learners brainstorm to convert centimeters to millimeters.	1. Assist Learners to calculate the perimeter of a shape with dimensions given in cm and mm. 2. Discuss with Learners how to convert millimeters to decimal fractions in Centimeters. To convert from millimeters to centimeters, divide the value in millimeters by 10. So, 1 mm = $^{1}/_{10}$ = $^{1}/_{10}$ = 0.1 cm (exactly). To get a fast approximate value, you can multiply the value in millimeters by 0.1. So, 1 mm = 1 × 0.1 = 0.1 centimeter	**Core Competencies;** 1. Ability to combine Information and ideas from several sources to reach a conclusion 2. Demonstrate behaviour and skills of working towards group goals

THURSDAY 06-10-2022	Review Learners Knowledge on how to convert from centimeters to meters.	1. Assist Learners to calculate the perimeter of a shape with dimensions given in m and cm 2. Discuss with Learners how to convert meters to decimal fractions in Centimeters. 	**Core Competencies;** 1. Ability to combine Information and ideas from several sources to reach a conclusion 2. Demonstrate behaviour and skills of working towards group goals

Meters	Centimetres
0.01 m	1 cm
0.02 m	2 cm
0.03 m	3 cm
0.04 m	4 cm
0.05 m	5 cm
0.06 m	6 cm
0.07 m	7 cm
0.08 m	8 cm
0.09 m	9 cm
0.1 m	10 cm
0.2 m	20 cm