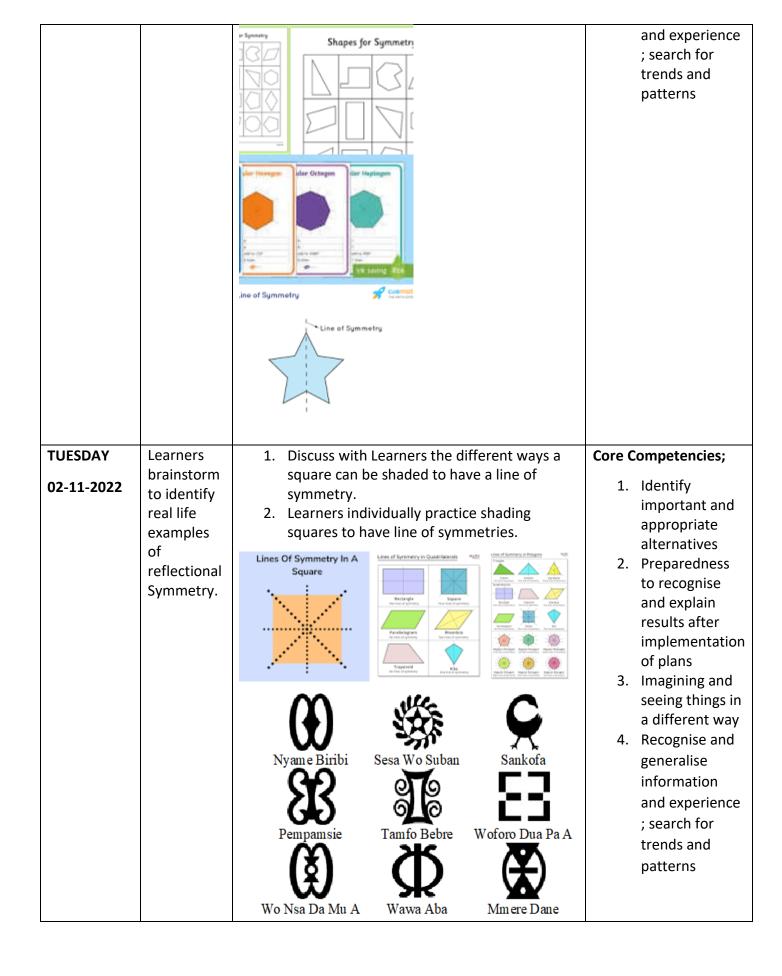
BASIC 7

WEEKLY LESSON PLAN – WEEK 8

Learning Indicator(s)	B7.3.3.3						
Performance Indicator	B7.3.3.3.1 Determine shapes in real life that have reflectional (or fold) symmetries. B7.3.3.3.2 Plot points and shapes (i.e. plane figures) on a coordinate plane and draw their images under reflection in given lines						
Week Ending	04-11-2022						
FORM	B.S.7						
Subject	Mathematics						
Reference	Teachers Resource Pack, Learners Resource Pack, Textbook.						
Teaching / Learning Resources	Shapes, Pictures, Meter Rule, Pencil						
DAYS	PHASE 1 : STARTER	PHASE 2: MAIN	PHASE 3: REFECTION				
MONDAY 01-11-2022	Discuss the meaning of Reflectional Symmetry with the Learners.	 Learners brainstorm to state examples of shapes. Assist Learners to determine whether shapes mentioned has reflectional symmetry. Discuss examples of reflectional symmetry with the learners. How do you know if a shape has reflection symmetry? A shape has reflection symmetry if there exists a line of reflection that carries the shape onto itself. This line of reflection is called a line of symmetry. In other words, if you can reflect a shape across a line and the shape looks like it never moved, it has reflection symmetry. 	1. Identify important and appropriate alternatives 2. Preparedness to recognise and explain results after implementation of plans 3. Imagining and seeing things in a different way 4. Recognise and generalise information				



Assist Learners to identify symmetry of THURSDAY Learners quadrilaterals. brainstorm 03-11-2022 2. Discuss the quadrilaterals with different to give symmetrical properties. examples of Square Symmetric shapes. A square has four lines of symmetry. It has rotational symmetry of order four. Rectangle A rectangle has two lines of symmetry. It has rotational symmetry of order two. **Parallelogram** A parallelogram has no lines of symmetry. It has rotational symmetry of order two. Rhombus • A rhombus has two lines of symmetry. It has rotational symmetry of order two. Trapezium

A trapezium has rotational symmetry of

trapeziums as they have 2 sides of an equal

Some trapeziums have one line of symmetry. They are called **isosceles**

length like isosceles triangles.

A kite has one line of symmetry.

It has rotational symmetry of order one.

order one.

Kite

Core Competencies;

- Identify important and appropriate alternatives
- 2. Preparedness to recognise and explain results after implementation of plans
- 3. Imagining and seeing things in a different way
- 4. Recognise and generalise information and experience; search for trends and patterns