

**Strand 2:** Algebra

**Sub Strand:** Patterns

**Content Learning Outcome:** Explore and describe number patterns based on mathematical rules and explain the pattern used.

**Activities**

1. Continue these sequence and find a pattern in each:

a.  2, 4, 8, 16, 32, 64, 128, 256

Pattern: **Number multiply by two**

b.  1, 5, 9, 13, 17, 21, 25

Pattern: **Number plus four**

c.  1, 3, 9, 27, 81, 243, 729

Pattern: **Number multiply by three**

d.  3, 6, 12, 24, 48, 96, 182

Pattern: **Number multiply by two**

e.  7, 14, 28, 56, 112, 224

Pattern: **Number multiply by two**