

## Grade K – NUMERACY – LESSON 1 – Patterns

Curriculum: Numeracy - Patterns

Patterns can be found everywhere in the world (in nature, in classrooms, in homes...). Patterns are an essential building block in understanding about numbers. What starts out in kindergarten as making pretty designs with pattern blocks eventually leads to skip counting, repeated addition (and therefore multiplication and division), algebraic reasoning, and beyond!

Learning Goal:

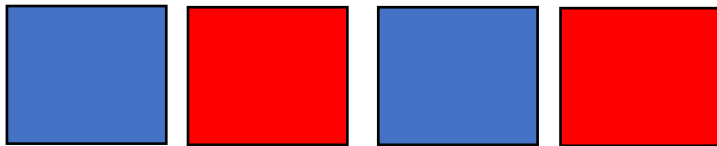
- Notice and name a variety of patterns
- Create, identify and explain a variety of patterns

Equipment:

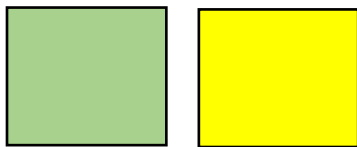
- Variety of coloured blocks or lego parts or glass beads or simple shaped stickers

Activity:

Take a look at these blocks. This is called an A B A B pattern. Or it could be named blue red blue red. Notice how they repeat.



What would come next in this beginning pattern?



Now it's your turn. Take your object blocks and build a pattern.

Identify the pattern. How else can you say it?

Do this with other materials you have.

Complete the worksheet: What Comes Next?

Challenge:

Can you build a complex pattern? (HINT: this is something that has more than 2 repeating parts)

What Comes Next?

