Algebra



MOVE TO THE PATTERN

Purpose

• To create repeating patterns using multiple attributes.

Division – Primary

Equipment

· Flash Cards/List of different physical activity movements

Set-up

- Divide students into groups of 3-4.
- · Ask students to spread out around the activity area.

Activity

- Explain to students that they will be working together to create a two-attribute pattern. <u>Example</u>: 1) Sit down and stretch past toes; 2) Stand up and twirl (both the level and the movement are the changing attributes).
- · Give students time in their groups to build and practise their pattern.
- · One group at a time presents their pattern to the class.
- Once students have figured out the pattern rule, they raise their hand and wait to be invited to join the pattern.
- · A new group presents and the task continues the same way.

Modifications

- Early primary grades may create a pattern with several movements without understanding the changing attributes (e.g., jump, jump, spin, sit).
- Two groups may present while other students walk around the activity area and join the pattern in a less formalized way.

Questions for Student Understanding

- Which attributes did your group choose? (e.g., high/low; move/freeze; jump/twirl)
- Can you describe your group's pattern core using ABC, AAB, or ABA language?