

PATTERNS IN MOTION

Purpose: Students will create and demonstrate patterns using physical activities.

Suggested Grade Level: K-2

Math SOL: Patterns, Functions, and Algebra K.16, 1.17, 2.20

Equipment/Materials Needed: none

Advance Preparation: none

Directions:

1. Divide students into pairs or groups of three.
2. Demonstrate a pattern with your body. Ex: three jumping jacks and two jumps, three jumping jacks and two jumps, three jumping jacks and two jumps.
3. Have students repeat the pattern together.
4. Explain to students that this is an AB pattern and there is a rhythm.
5. Instruct each group to take two minutes to create their own AB pattern.
6. Ask each group to show the class their pattern and then, as a class, have everyone participate in the pattern.
7. Continue until all groups have had a turn.
8. If you choose, have students develop an ABC pattern and repeat the activity.

Teaching Suggestions:

1. You may want to do one of each to begin. Ex: One jumping jack one jump, one jumping jack one jump, etc. Have students tell you what comes next by demonstrating.
2. Keep the group time short and remind them that it should be simple so others can follow.
3. No stunts allowed.

Modifications/Variations:

1. Have each student in the group pick one part of the pattern based on the number in the group.
2. For older students, you may try a more difficult pattern.
3. Try to do a growing pattern. Have one student begin with one movement. Have a second student do the first move and add another. Have the third person do the first and second movement and add a third. You can do this one person at a time, or you can have the whole class repeat the pattern after each addition.

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