

Patterns attributes

Title	Patterns attributes [Malke Rosenfeld]
Category	Patterns
Goal	Build spatial vocabulary Create percussive patterns To represent their understanding of reflection symmetry in the context of percussive dance
Age	1- 16 Grade
Activities & Instructions	<p>In this video Malke Rosenfeld is showing how she is teaching maths and percussive dance at the same time. The students in her class are creating their own patterns and the maths itself is describing their patterns.</p> <p>At first the students are introduced in the basic elements of percussive dance. Next, they create their own 4 beat percussive patterns by using the following pattern attributes: type of movement, foot position and direction. Later they form couples and they dance exactly the same as their partners. In their couples they combine their two 4 beat patterns into a new 8 beat pattern. By that time the students have build spatial vocabulary and they are working on patterns, which is useful both for maths and dance.</p> <p>In the last part of the class the students transform their original work by using reflection symmetry. Like this they represent their understanding of reflection symmetry in the context of percussive dance</p>
Materials	Tape
Source	How I Teach Math & Dance at the Same Time