**WEEK 12 – Geometric Dance**

**Grade:** Intermediate (7-8)

**Unit:** Spatial Sense

**Curriculum Expectation**  
describe and classify cylinders, pyramids, and prisms according to their geometric properties, including plane and rotational symmetry

**SEL:** express and manage their feelings, and show understanding of the feelings of others, as they engage positively in mathematics activities

**Activity  
1)** Your task here is to find and compare geometric shapes and lines from a video and justify your decisions **2)** First you will need to watch the following video: Geometric Dance by Bauhaus Movement located at: https://www.youtube.com/watch?v=U26jnb3kd\_Y   
**3)** Begin by watching the video through once watching for moments where you see shapes or lines. Then watch it a second time and pause the video when you notice a shape. Note the shape, time and justify your shape choice  
**4)** Eligible answers include shapes, perpendicular bisectors, parallel lines, or lines intersecting at a variety of angles (30, 45 etc.)  
**5)** How did you feel about your mathematical learning. Was it challenging to find shapes and do you now feel more capable as a mathematical thinker?   
**Note:** If you do not have access to YouTube to watch the video. Use the screen clippings below to fill in the chart. If using the images below, you do not need to note the video time

**Check for Understanding**   
I can identify geometric shapes and lines in rapid succession  
I can sort shapes based on their properties  
I can provide a justification of my decisions to sort shapes

**Materials**   
Recording chart (attached below), pencil, access to YouTube or screen clippings, understanding of geometry

Shape Tracker

|  |  |  |
| --- | --- | --- |
| **Shape or line** | **Video Time** | **Justify your shape choice** |
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