Spatial Thinking

1. What is Spatial Thinking?
    a. Spatial thinking uses the properties of space as a vehicle for structuring problems, for finding answers, and for expressing solutions.
2. Concepts of Spatial Thinking
    a. Scale
        i. Level of detail in considering, collecting, analyzing, and depicting information
    b. Location
        i. Everything is somewhere! Relative vs Absolute
    c. Distance
        i. Methods for measuring – time/distance, as the crow flies, Manhattan distance, network etc
    d. Vector/Raster
        i. Discrete vs continuous phenomena
    e. Networks
        i. How things are connected in time, space, and method
    f. Adjacency
        i. Binary equivalent of distance – zero distance between two things or greater than zero distance
    g. Neighborhood
3. Methodologies of Spatial Thinking
    a. Pattern Recognition
    b. Multi-dimensional
    c. Space / Time
    d. Navigation / Movement
    e. Multi-Criteria / Overlays