

Spatial Thinking in the Human Brain

(a graphic organizer for taking notes)

More than 4000 research studies since 1995 show that the human brain has several "regions" that do specific kinds of spatial thinking, in parallel and often simultaneously.

Spatial Comparison

How are places similar or different?

Spatial Analogies

Do places in similar positions in other parts of the world also have similar conditions?

Spatial Auras

How does this place influence other places?

Spatial Sequences and Transitions

How do conditions change from one place to another?

Spatial Associations

Why do some features occur together in the same places?

Spatial Hierarchies

What smaller entities are inside larger ones?

Spatial Patterns

Why are features arranged in bunches, lines, rings, waves, or other non-random ways?

Regions (Spatial Groups)

What groups of nearby places have similar conditions?

