

Ecofarming Design Tools

Mind Mapping - Making Connections

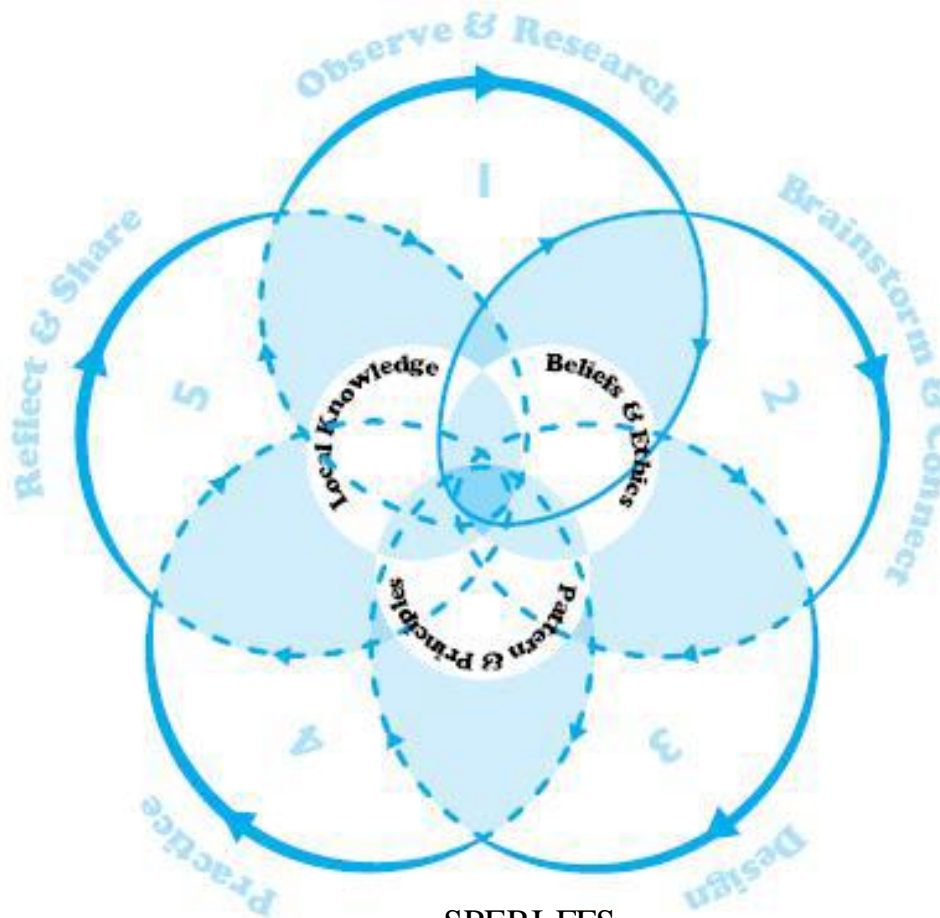
Writer by: Robert Gray

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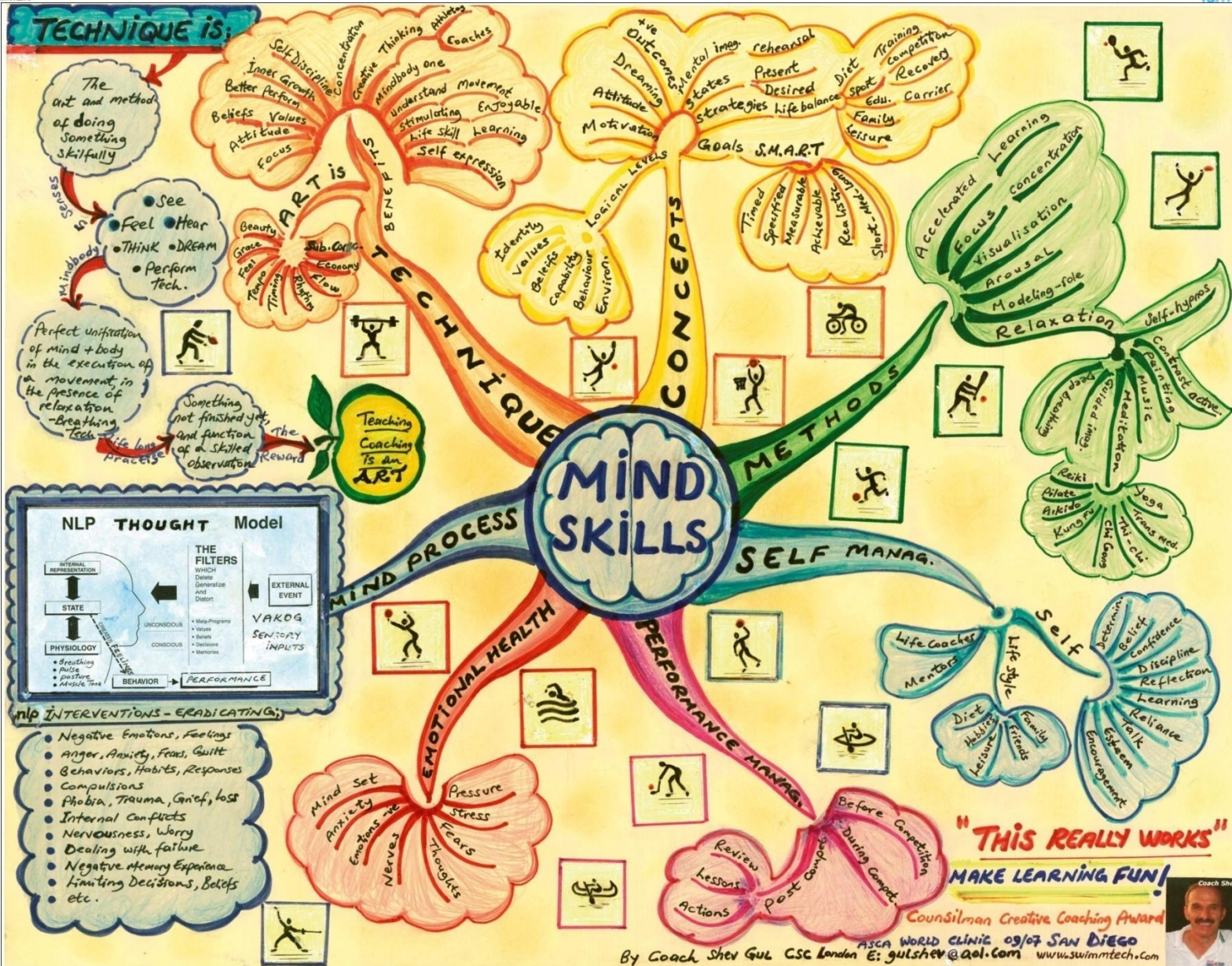


Design Process



Integration and Mind mapping

- Integrating our knowledge and observations into a harmonious whole.
- Mind-mapping is a tool that we can use to make connections between concepts and build up a whole picture of the topic.



Mind Mapping Brain Balancing

EXPERIENCE =

USABILITY/ANALYTIC + DESIGN/CREATIVE

Left-Brain Functions

Analytic thought

Logic

Language

Science and
math

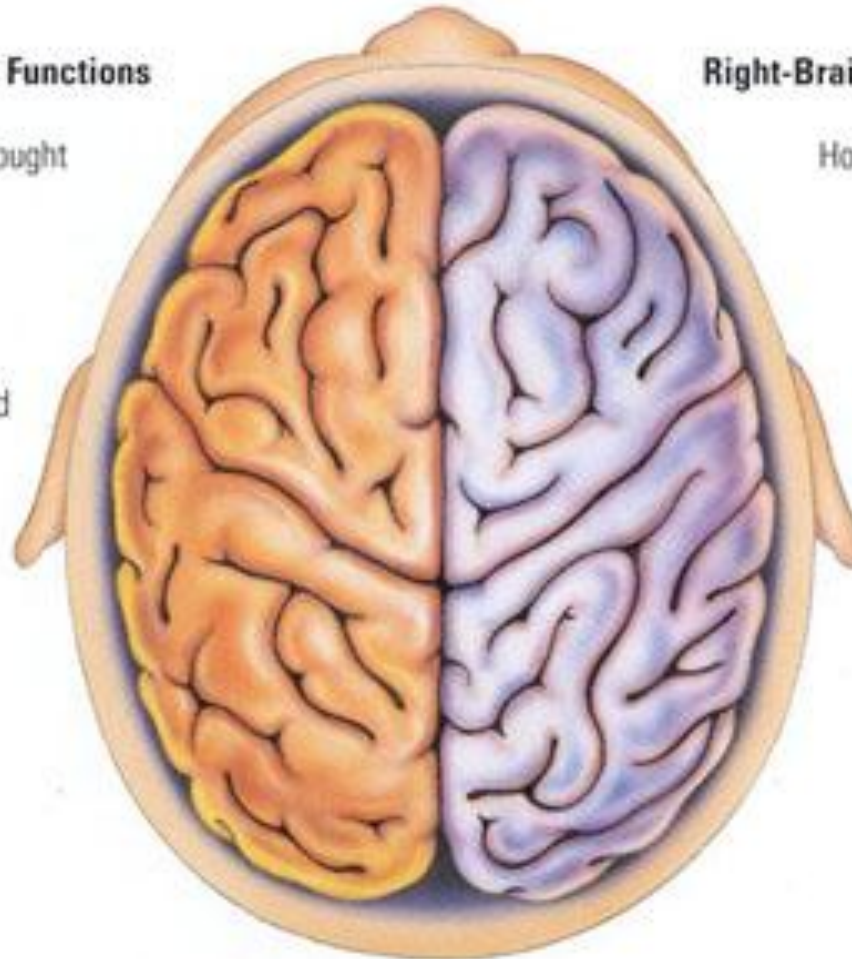
Right-Brain Functions

Holistic thought

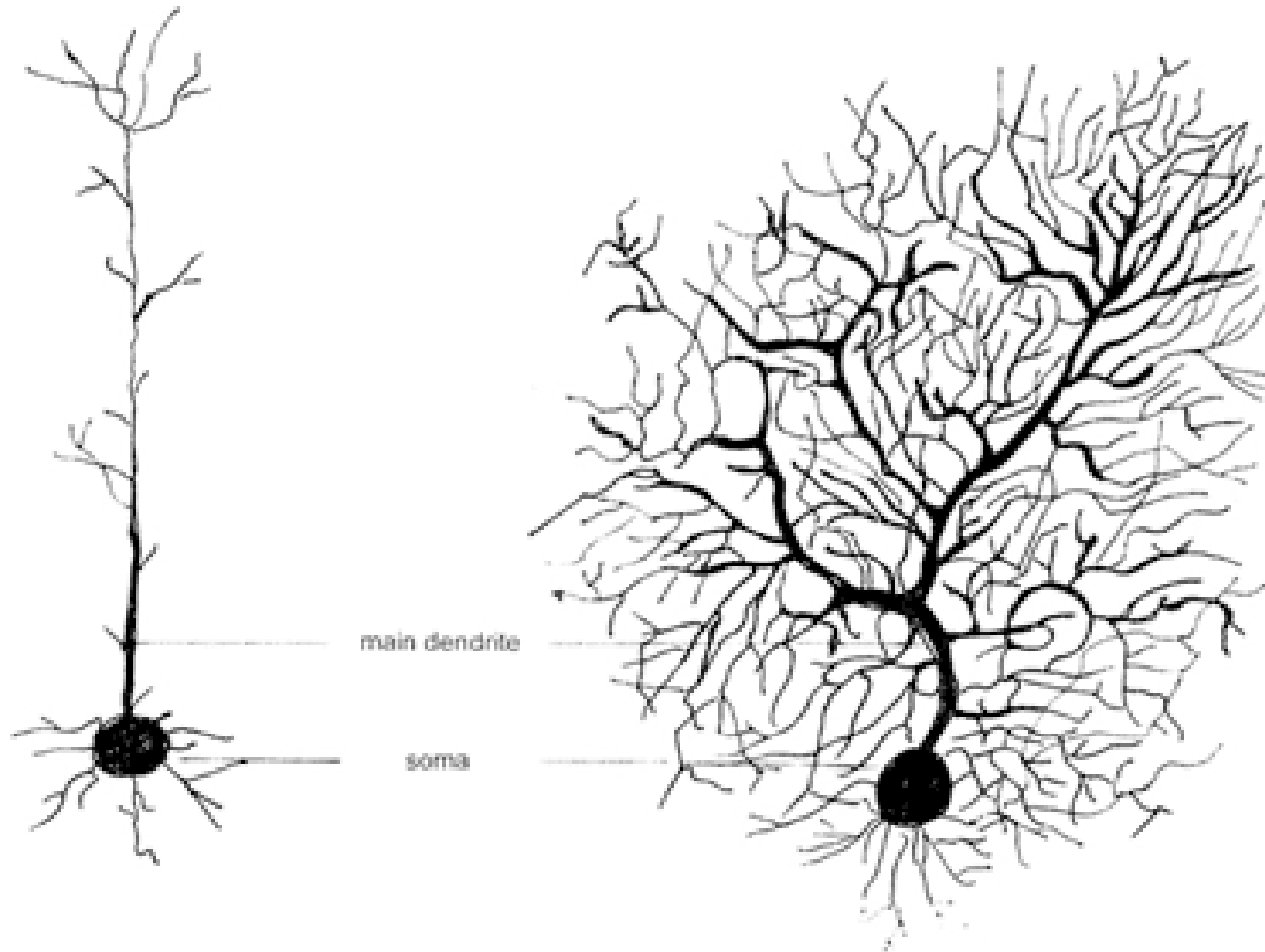
Intuition

Creativity

Art and
music

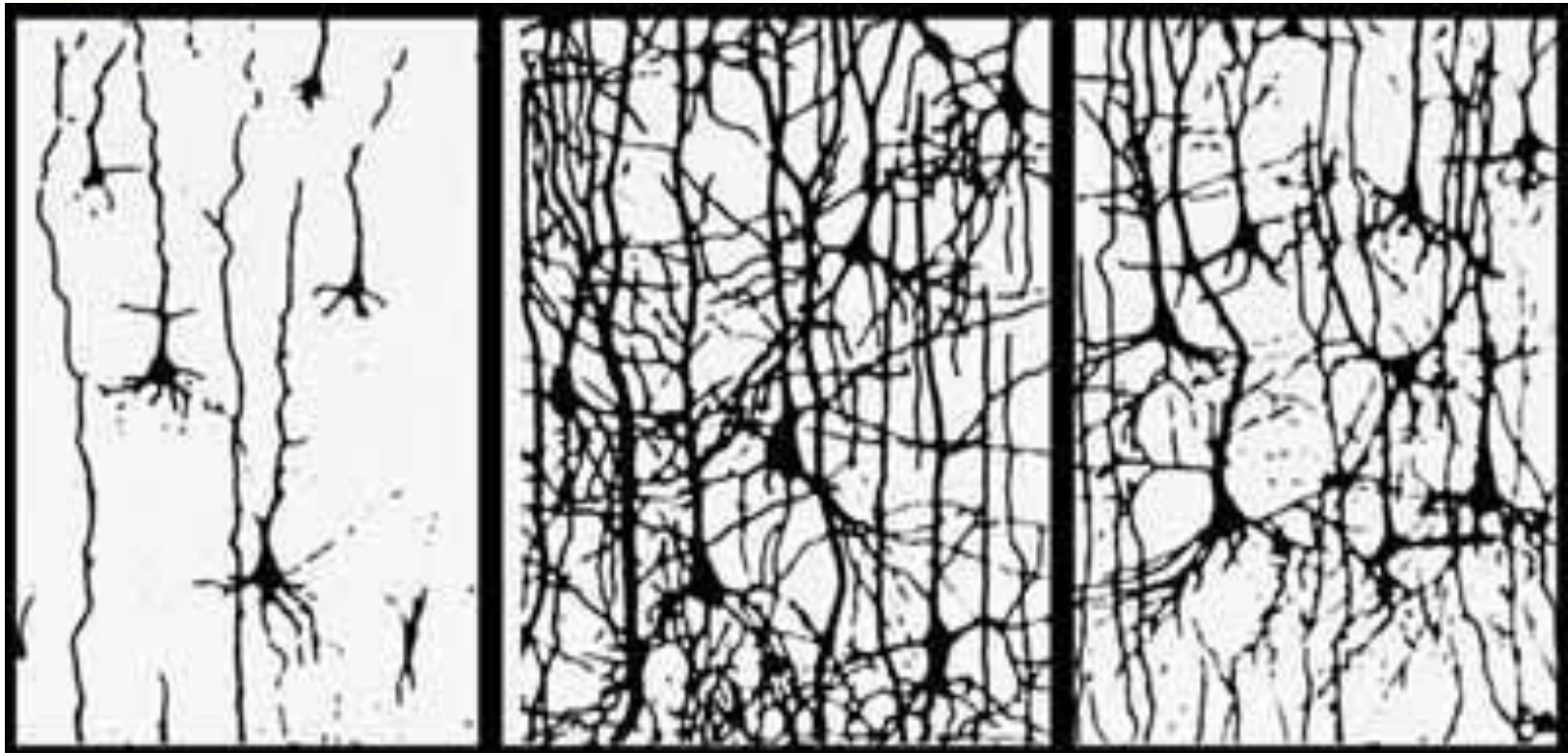


Our brains develop by making connections (Brain Plasticity)



Sparse growth of dendrites
in an aging, inactive brain

Typical dendritic growth in an active brain



At Birth

6 Years Old

14 Years Old

Synaptic Density in the Human Brain

Mind Mapping and Pattern

Our conceptual
Ecofarming design tools
should match the patterns
in nature that we see
around us.



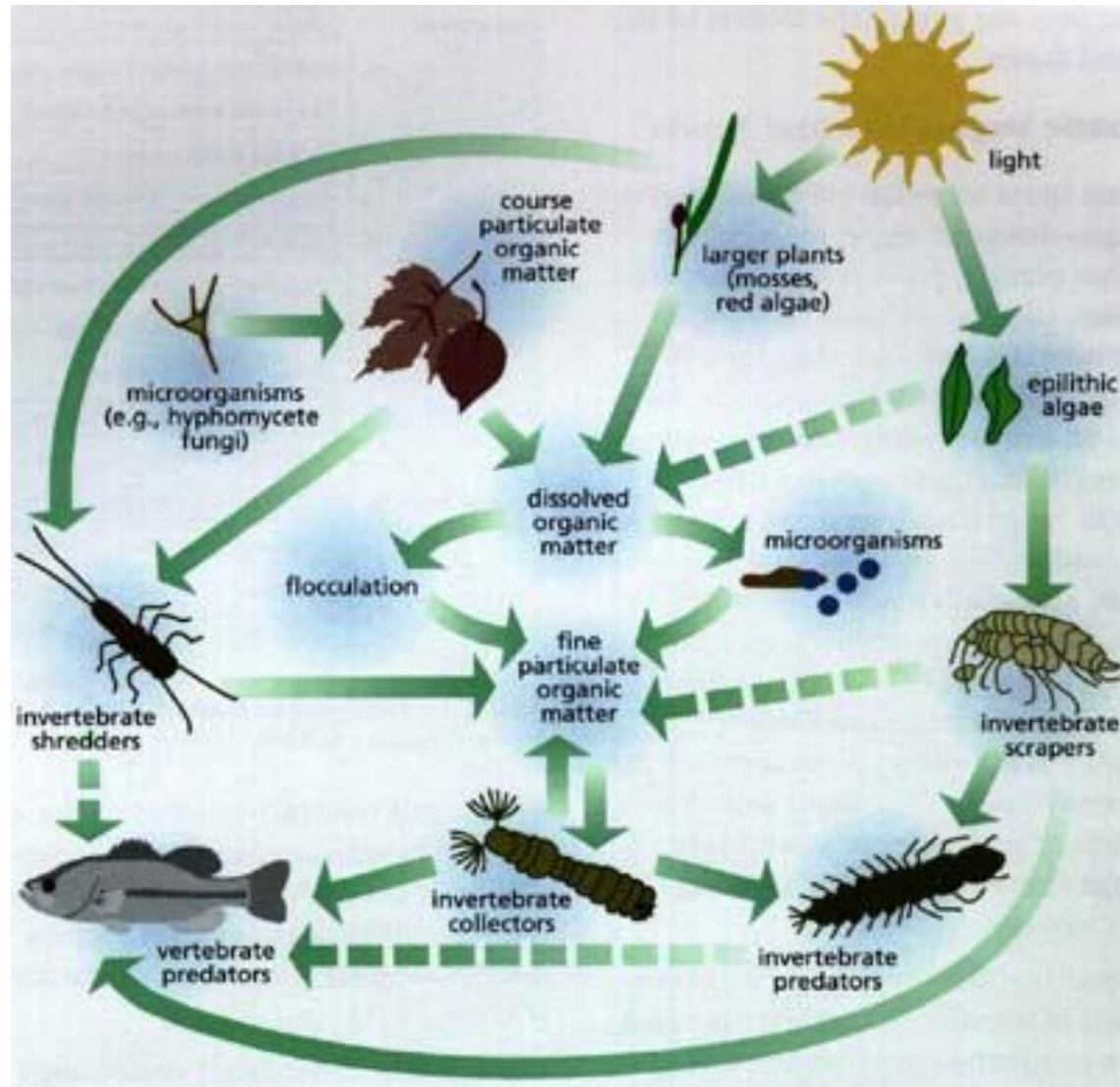
Natural Patterns can contain information and stories – Aboriginal ‘Mind Map’

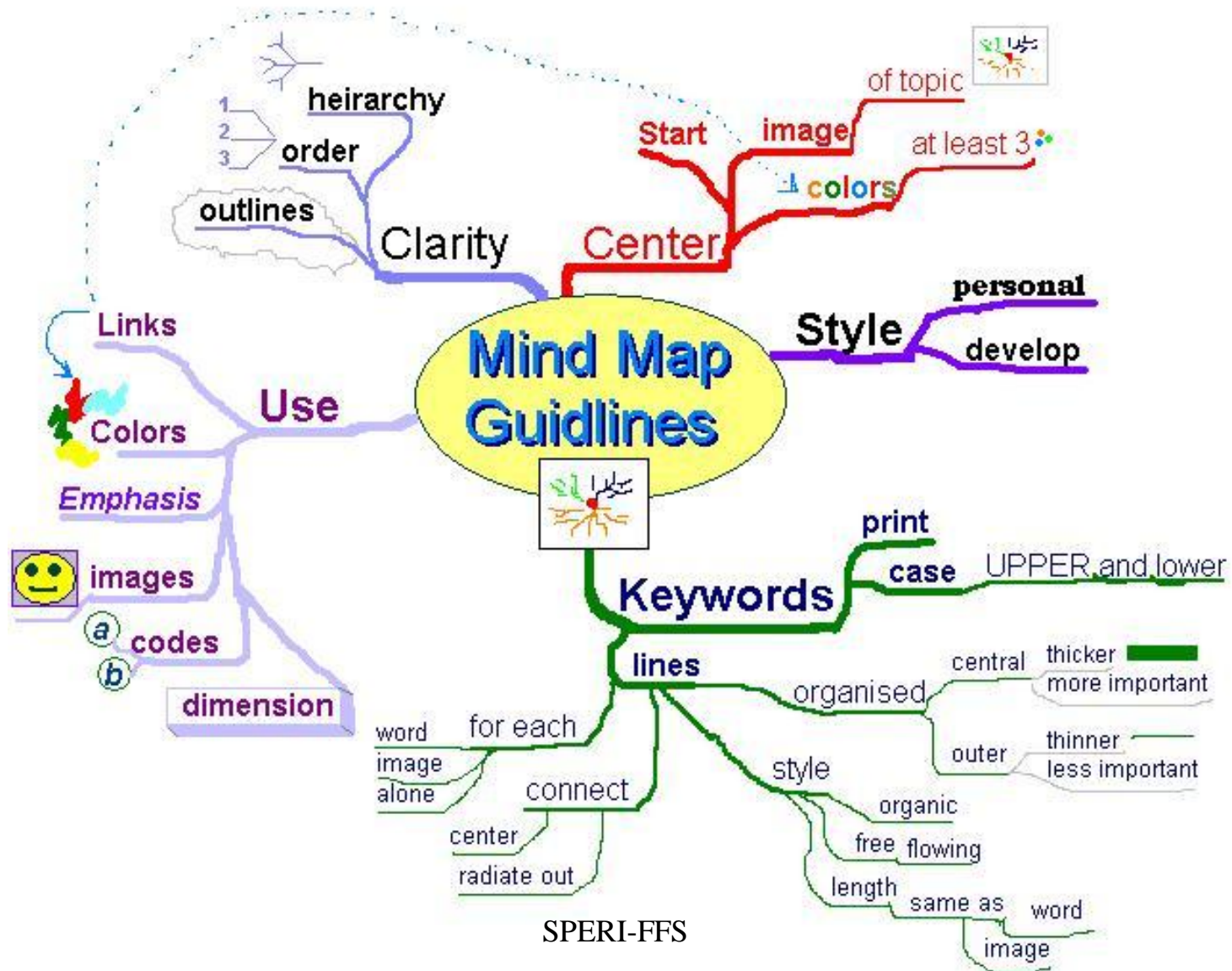






Ecological Food Webs are based on connections





Computer Mind mapping

- Programs are available.
 - Free mind
 - Free plane
 - Xmind