

BIOPHILIC DESIGN PRINCIPLES



PILLARS

PRINCIPLES

HOW TO IMPLEMENT

Nature In the Space

Visual Connection with Nature
Non-Visual Connection with Nature
Non-Rhythmic Sensory Stimuli
Thermal + Airflow Variability
Presence of Water
Dynamic and Diffuse Light
Connection with Natural Systems

- Provide focal objects such as rivers, trees, animals, or an aquarium to prevent cognitive fatigue
- Provide a sensory connection to nature through sound or smell
- Use sporadic or seasonal variants of temperature, light, air flow
- Incorporate water to have a calming effect, lower stress
- Include lighting to fit with circadian patterns for enhanced performance
- Use systems such as pollination, water cycle

Nature of the Space

Prospect
Refuge
Mystery
Risk / Peril

- Recreate the savannah experience with vantage points
 - glass partitions, open layout, elevated areas
- Offer areas of protection, which has a calming effect
 - cubicle, phone room, use acoustic panels and overhead trellises or drop ceilings
- Encourage exploration and intrigue
 - obscure edges, creative artwork, diverse pathways
- Increase curiosity to encourage problem solving and aid in memory skills
 - cantilevered walkway, glass stairs, balconies

Natural Analogues

Biomorphic Forms & Patterns
Material Connection with Nature
Complexity and Order

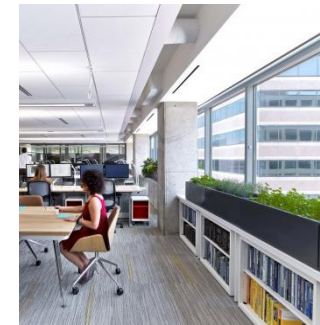
- Use shapes that are organic or evoke thoughts of nature
 - tree shapes, incorporating the fibonacci sequence, sculptures, furniture
- Use materials that evoke nature
 - wood grain, natural colors, plant walls, natural paths
- Use symmetrical design in window details, circulation, patterns

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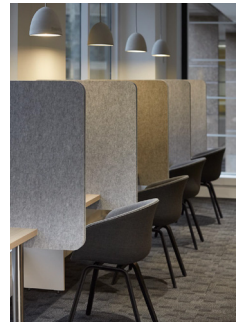
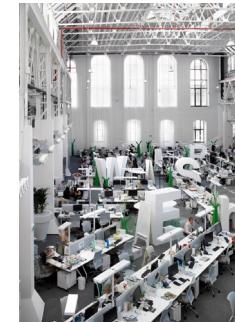
CaraGreen

PILLARS

Nature
In
the
Space



Nature
of
the
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Natural
Analogues

