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# WHEN DESIGNING CONSIDER THESE POINTS

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*\* It is best to describe / explain the positive and negative aspects of these points when discussing them in your own work.*

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## AESTHETIC FACTORS:

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**Colour:** contrast, complimentary

**Scale:** size, proportion

**Harmony:** symmetry / asymmetry

**Line:** curve, straight, parallel, angular

**Shape:** negative shapes, pattern

**Emphasis:** focal point, eye direction, movement

**Balance**

**Texture**

**Movement:** Rhythm

**Theme / Design Movement**

## FUNCTIONAL FACTORS:

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**Construction:** joinery, bracing, support

**Materials:** wood, sheet metal, plastic, concrete

**Ergonomics:** Does the design follow rules of comfort for people?

**Maintenance:** Will this design be difficult to fix/clean/maintain/check?

**Strength + Durability:** Can the design withstand heavy use? Does the material dent?

**Multi-use / Single-use**

**Useability / User Friendly**

**Cost**

## ENVIRONMENTAL FACTORS:

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**Re-usability:** Are the materials recycled or reused from another product?

**Economic / Efficiency:** Are the materials used to their full capacity?  
Are the materials expensive?

**Waste:** What waste is generated? Can this be reduced? Reused etc

**End of life:** Can this be recycled? Or simply put to waste?

**Sustainability:** Are the materials sustainable?  
ie: Pine vs. Mahogany

## HUMAN FACTORS:

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**Accessibility:** Who will be using it?  
Are wheelchairs + physically disabled people able to interact? People with hearing / reading / speaking / vision impairments - how does it effect them?

**Interaction:** Shelter? Seating? What can people do with the design?

**Clarity of use:** Do you need to provide instructions? Or is it self-explanatory?

**Engagement:** Is it engaging? How can you tell?

**Pleasure:** Does your design make people happy? Comfortable? Relaxed? Excited?