Morphology comes from the <u>classical Greek</u> concept *morphé*, meaning shape or form. Morphological Analysis (MA) concerns the arrangement of objects and how they conform to create a whole or <u>Gestalt</u>. Adapted from the paper "Fritz Zwicky, Morphologie and Policy Analysis", presented at the 16th EURO Conference on Operational Analysis, Brussels, 1998.

Life Science

Design challenges		Science ———			
	Characteristics of Living Things	Systems in living Things	Heredity	Evolution and Biodiversity	Living things and their environment
₩					
Earth and S	pace				
Design challenges		Science ———			
	Energy in the Earth System	Materials and Energy Resources	Earth process and Cycles	Earth process and Cycles	Earth process and Cycles
—					
Physic & Ch Design challenge	-	Science -			
	Property of Matter and materials	State of matter/ Form of energy	Electrical and magnetic energy	Sound and light energy	
+					
Simple Mad	L Chines				
Design challenges		Science			
	Lever (lift heavy objects	Wheel and Axle (turn objects)	Pulley (lift heavy objects)	Incline Plane (lift, split, move)	Complex machines