

CHIMERA's TAXONOMY WORDS

Categories	Elements	Example of Elements included
Function		
Fun1	Aesthetics	Artistic, Beauty, Art
Fun2	Breathability	
Fun3	Cognitive	Emotion, Reaction, Mental, Imagination
Fun4	Control	Command
Fun5	Display	Screen, Highlight
Fun6	Electronics Connections	Contact, Conductivity, Bonds, Link
Fun7	Emissivity	Glow, Radiation
Fun8	Energy Harvesting	Solar Panels, Static Energy
Fun9	Feedback	Haptic, Olfactory, Visual, Tactile
Fun10	Gestures	Pinch, Turn, Grasp, Grab, Flick
Fun11	Interactions	Touch, Press, Hold, Move, Swipe, Scroll
Fun12	Interfaces	
Fun13	Modularity	Parts, Models, Templates, Patterns
Fun14	Morphology	Change Shape, Structure
Fun15	Movement	Dynamic
Fun16	Protective	Security, Isolation, Insulation
Fun17	Sensing	Capacitive, Humidity, Light, Temperature, Force, Pressure
Fun18	Skins	
Fun19	Storage	Data, Physical
Fun20	Studies	Reviews, Surveys, Application, Inquires
Fun21	Wireless Communication	Wifi, Bluetooth, Radio Frequency, RFID
Fabrication		
Fab1	3D Printing	Digital Fabrication
Fab2	Embroidery and Applique	Embellishment, Needlepoint, Beading
Fab3	Heat Transfer	Vacuum Forming, Pressing
Fab4	Knit	Interlink, Knot, Crochet, Lace
Fab5	Laser Cutting	Digital Fabrication
Fab6	Layering	Coating

Fab7	Machining	Lathe, Table Saw
Fab8	Molding and Casting	Sand Molding, Shell Mold
Fab9	Origami	
Fab10	Painting	Spray, Traditional
Fab11	Pleating and Folding	
Fab12	Printing	Screen Printing, Inkjet Printing
Fab13	Soldering	
Fab14	Sticking	Join, Hold, Glue, Attach
Fab15	Stitching/Sewing	
Fab16	Weaving	Interlacing
Material		
M1	Adhesives	Liquid Adhesives, Tape
M2	Conductive Inks	Silver, Carbon, Nickel
M3	Conductive Threads	Conductive Yarn
M4	Electronics	Microcontrollers, Sensors, Motors
M5	Hardware	Zipper, Pins, Buttons, Rivets
M6	Illumination	LED, Bulbs, Lamp
M7	Metal	Silver, Gold, Aluminum
M8	Molding Materials	Plaster, Clay
M9	Organic Materials	Bio-design, bacterias, <i>E. coli</i> cells
M10	Paper and Cardboard	cardstock
M11	Polymers	Pedot:Pss, Silicon, PDMS, Rubber
M12	Regular Inks	Paint, Fabric Paint
M13	Shape Memory Alloy	Wire Actuator
M14	Textile and Composites	Silk, Nylon, Cotton, Polyester
M15	Threads	
Body Zones		
Bod1	Head	Helmet, Smart Glasses, Make-up
Bod2	Chest	Necklace, Blouse
Bod3	Back	Backpack, Jackets
Bod4	Arms	Sleeve, Arm Band
Bod5	Hands and Wrist	Glove, Wristbands
Bod6	Pelvic Region	Smart Underwear, Safety Underwear
Bod7	Legs	Tights, Pants, Skirt
Bod8	Feet	Smart Shoes, Socks