



WHAT IS DESIGN?



**DESIGN IS NOT AN EVENT** 



**DESIGN IS NOT A PRODUCT** 



**DESIGN IS NOT AN EXPERIENCE** 

# de·sign

#### Noun

A plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is built or made.

#### Verb

Decide upon the look and functioning of (a building, garment, or other object), typically by making a detailed drawing of it.

#### Synonyms

noun. plan - intention - scheme - draft - project - purpose

verb. plan - project - scheme - intend - draw - sketch

According to Google, "design" is both a noun and verb. But that doesn't help us to know ... because a lot of words are both nouns and verbs.

Its synonyms listed here lean toward the dominant word as "plan" -- which is also a noun and verb -- but the word "plan" doesn't quite accurately capture that look of despair on many designers' faces when deadlines loom large and you can hear them all say, "I wished I had planned!!"

What's missing in this definition of "design"?

What's missing in this definition of "design" is the notion of an emotional connection grounded in aesthetics, narrative, or otherwise joy.

**DESIGN IS A PROCESS...** 



DESIGN IS A
METHOD OF
PROBLEM SOLVING





DESIGN IS
CREAT SOMETHING THAT DIDN'T EXIST BEFORE



**DESIGN IS CHOOSING** 



**DESIGN IS TESTING** 



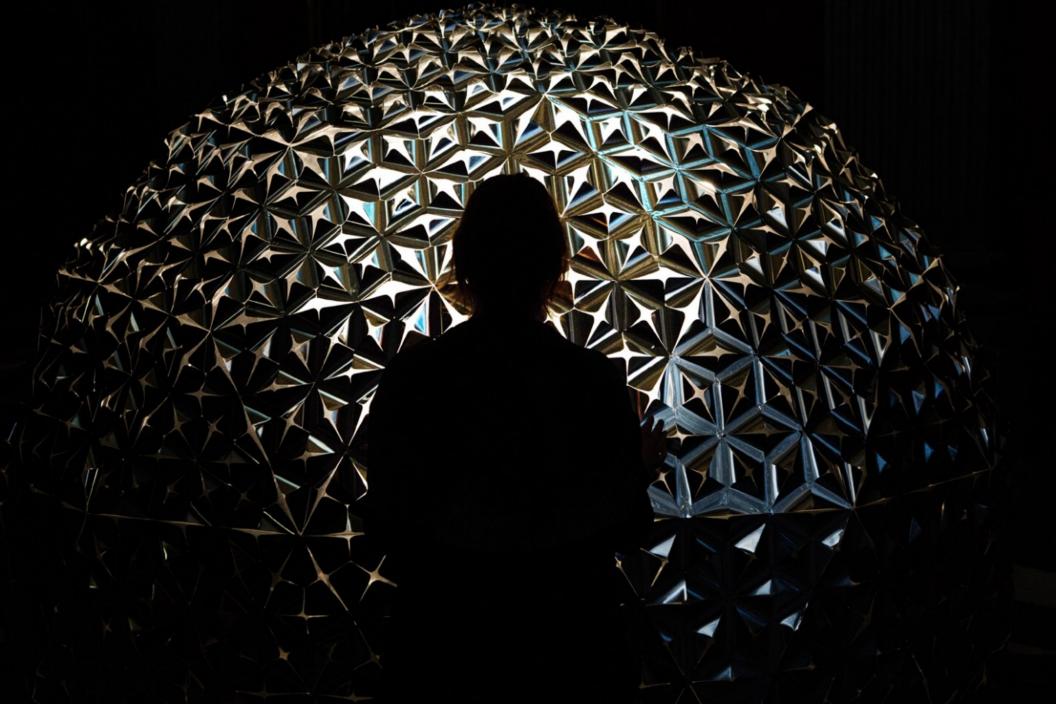
**DESIGN IS EXPERIMENTING** 



DESIGN IS 'MAKING THINGS BETTER FOR PEOPLE'



DESIGN is an activity that translate an idea into a blueprint for something useful



Design is focused first and foremost on human behavior and quality of life

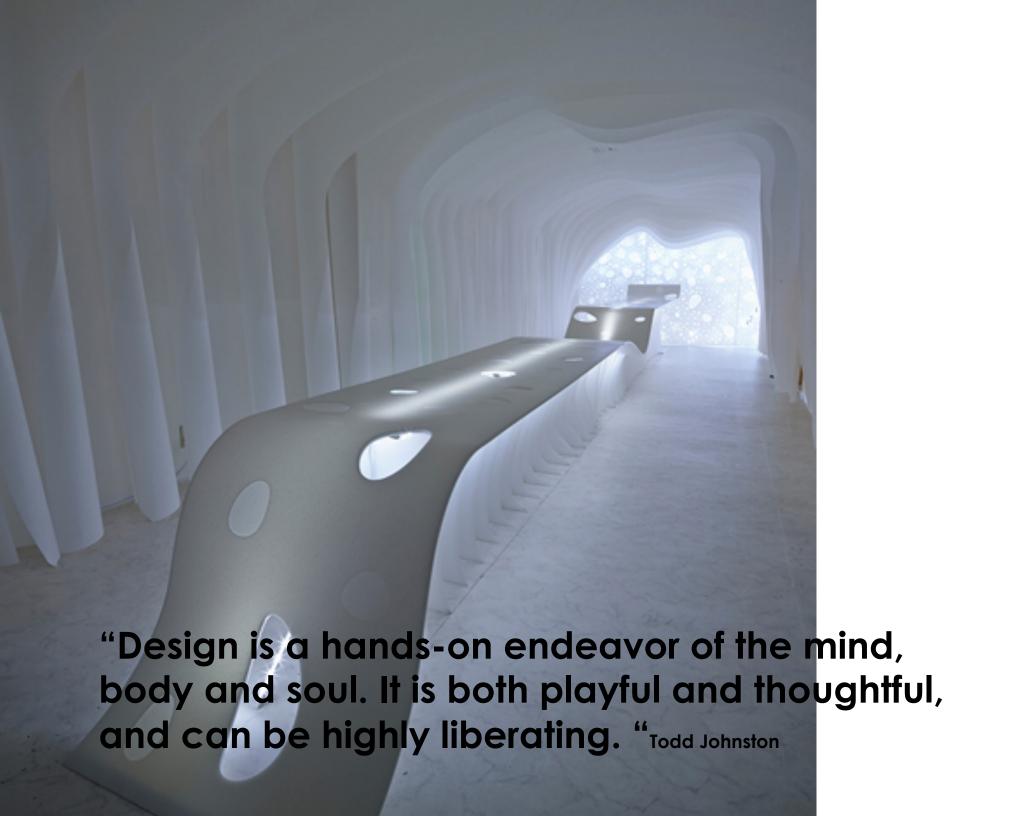


**DESIGN IS "TO MARK OUT"** 

To design is to mark out a pattern as a means of making meaning of an experience.









- ☐ Design is every where.
- ☐ Design is fundamental
- ☐ Everything around us is designed



But good design isn't simply about the surface. Aesthetics are important, but only a part of a bigger picture.



Good design begins with the **needs of the user**. No design, no matter how beautiful and ingenious, is any good if it **doesn't fulfil a user need** 



Finding out what the **customer wants** is the first stage of what **designers do**.

## Good design is...





makes a product useful



aesthetic



makes a product understandable



unobtrusive



honest



long-lasting



thorough



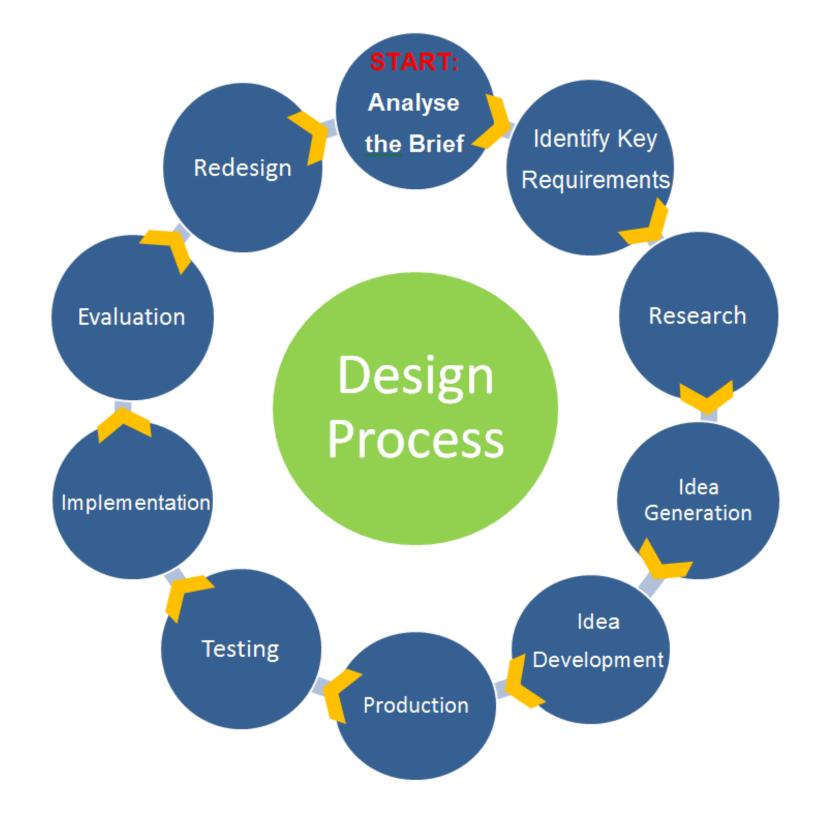
environmentally friendly



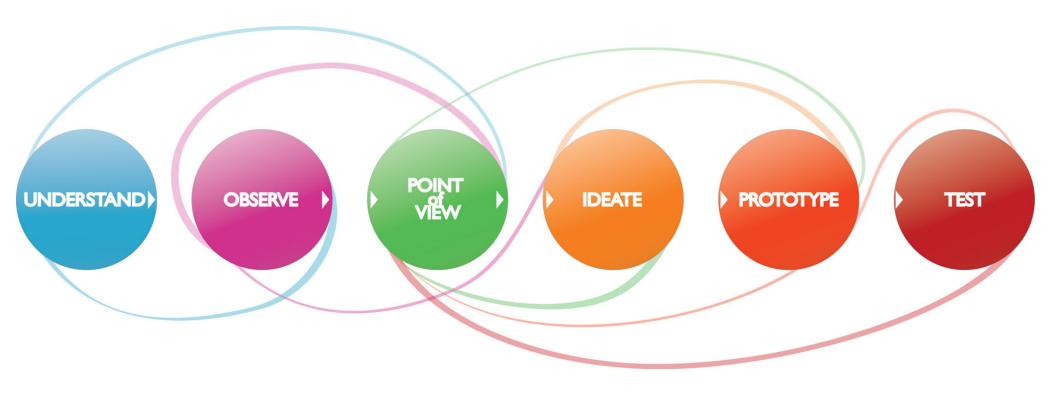
as little design as possible

## DESIGN THINKING

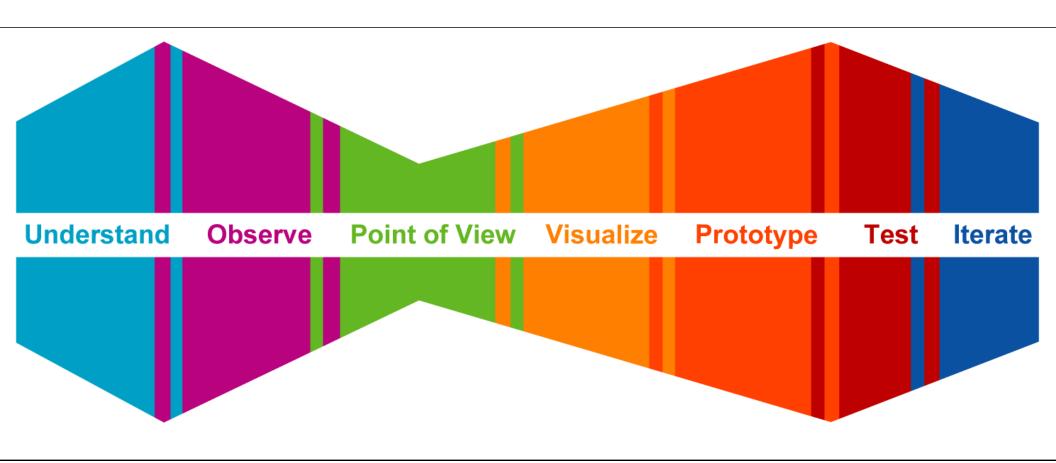
humor texture Storytelling Pace Prototyping building methods observation beauty resonance metaphor clustering elegance



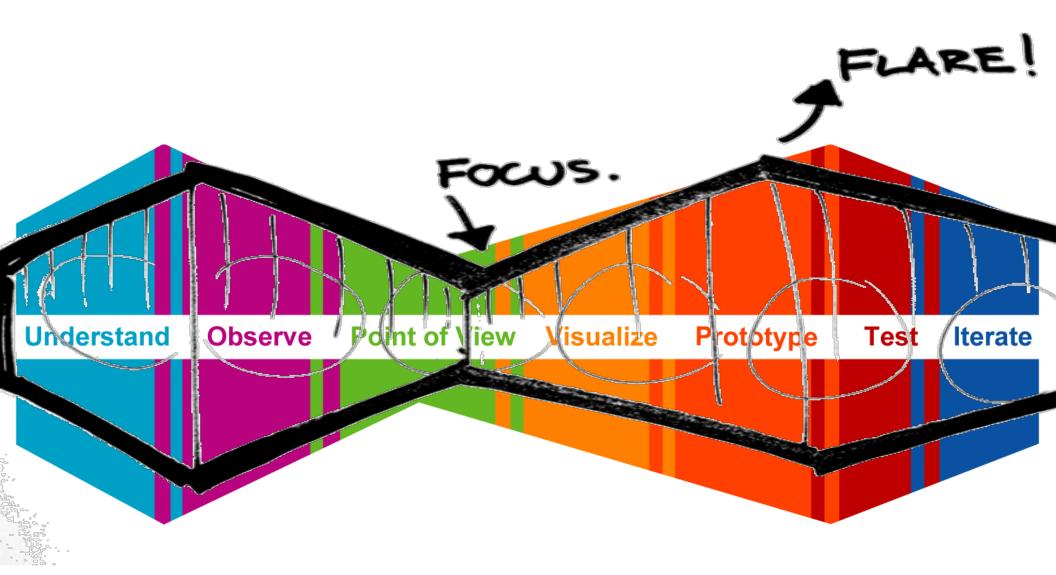
## **DESIGN PROCESS**

















COLLABORATE
ACROSS BOUNDARIES





BE MINDFUL OF PROCESS



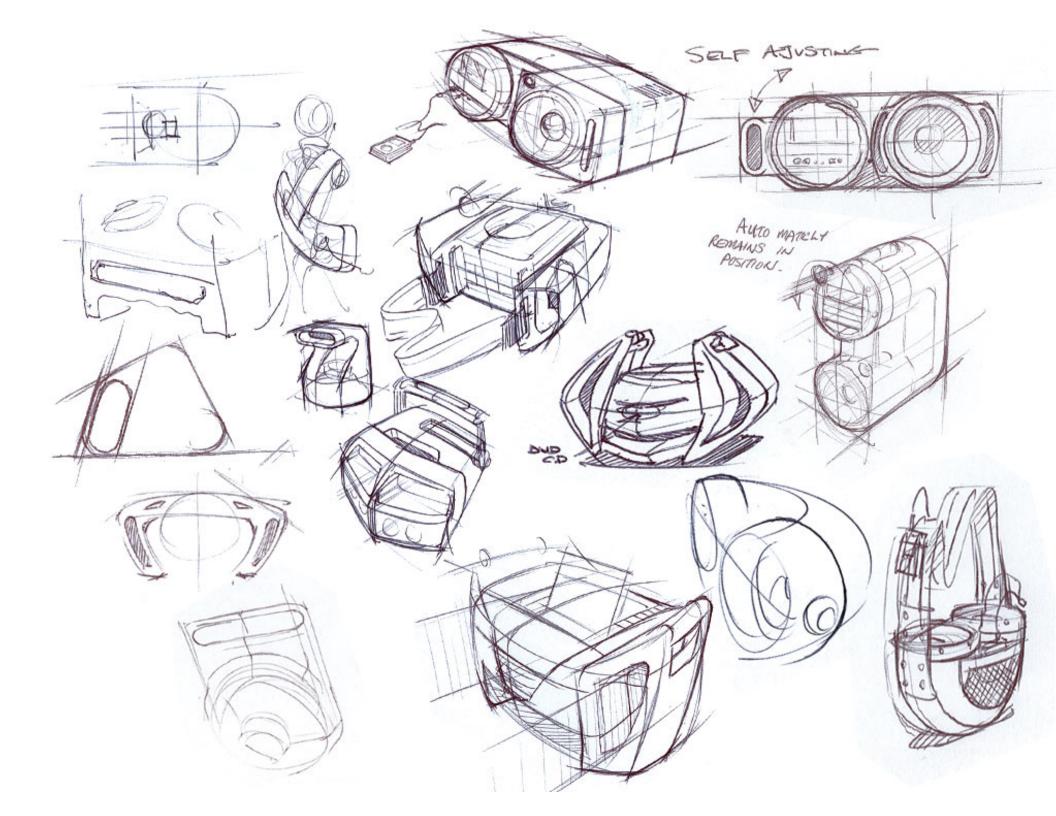
CREATE CLARITY
FROM COMPLEXITY

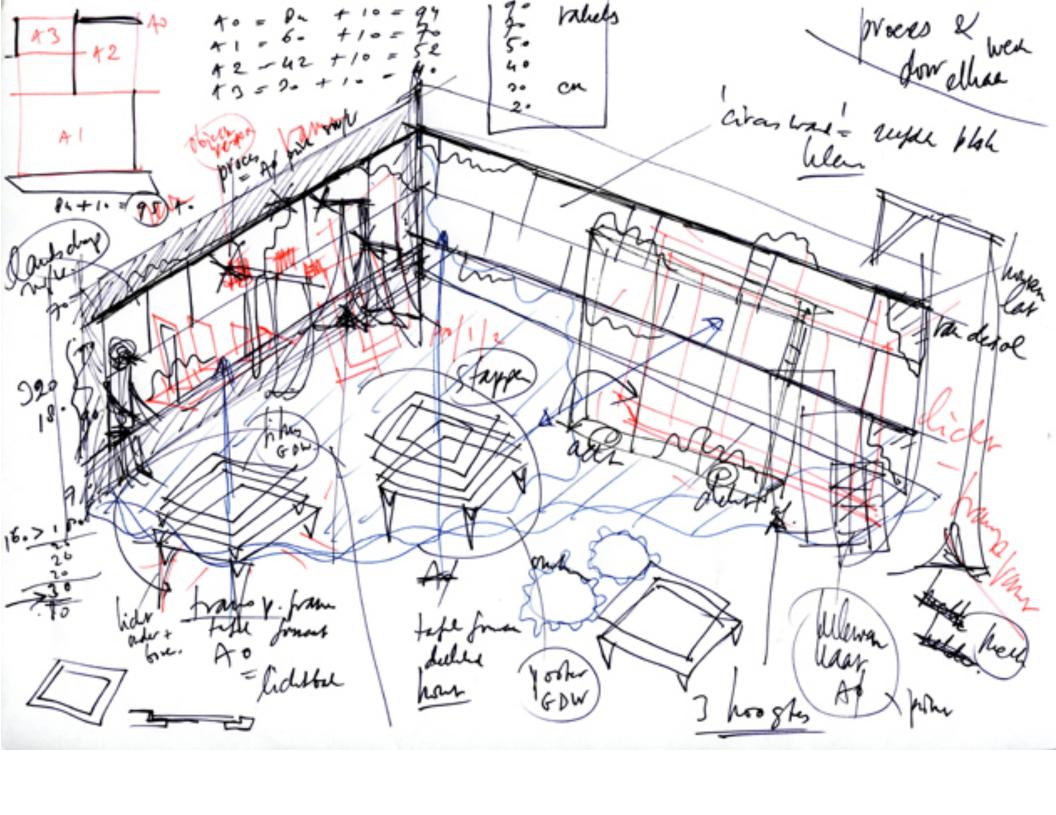


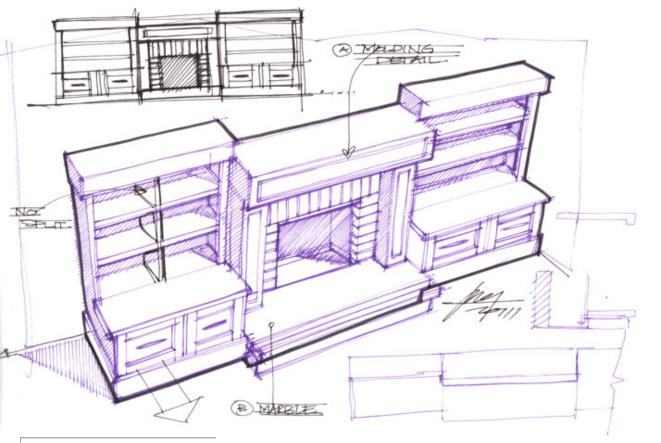
BIAS TOWARD ACTION

### THE PROCESS REFLECTS THESE MINDSETS

CAMBRA- FLASH. (Magige (as) nitrals or conten full service minmal cours









#### MITV: PROCESS

- LISTEN
- UNITE - THEME
- CONCEPT
- EAT THE AUDIENCE
- FILTER

HILLMAN CURTIS

NUEVA ILAB : 7 INVENTIVE THINKING SKILLS













IDEATION





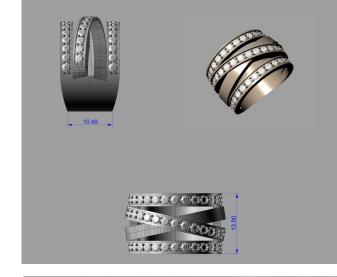


ITERATIVE PROBREMS GYLLE













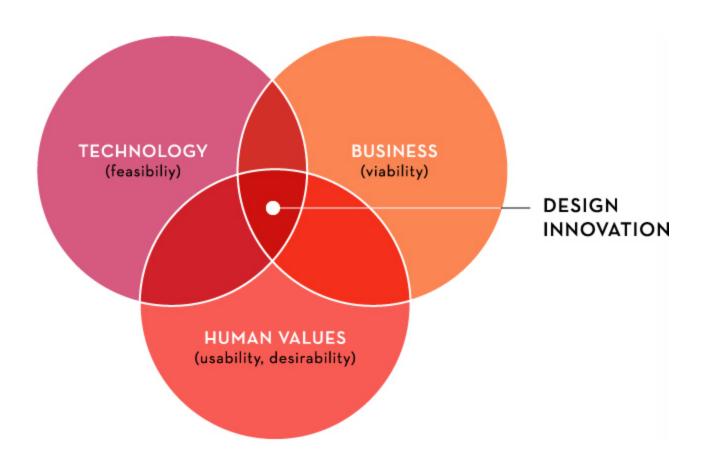


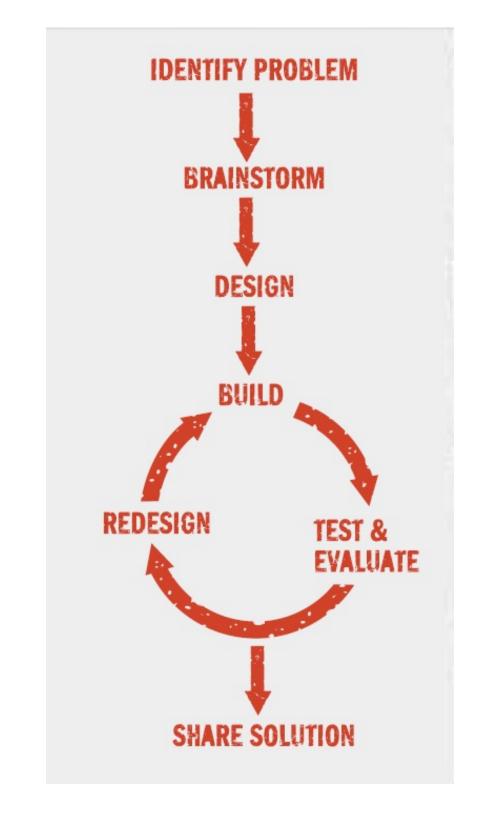




# **DESIGN THINKING**

# ANALYTICAL THINKING





Design

"All design work seems to have three common traits:

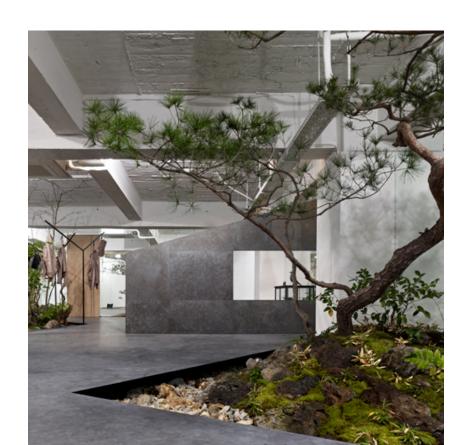
☐ There is a message to the work

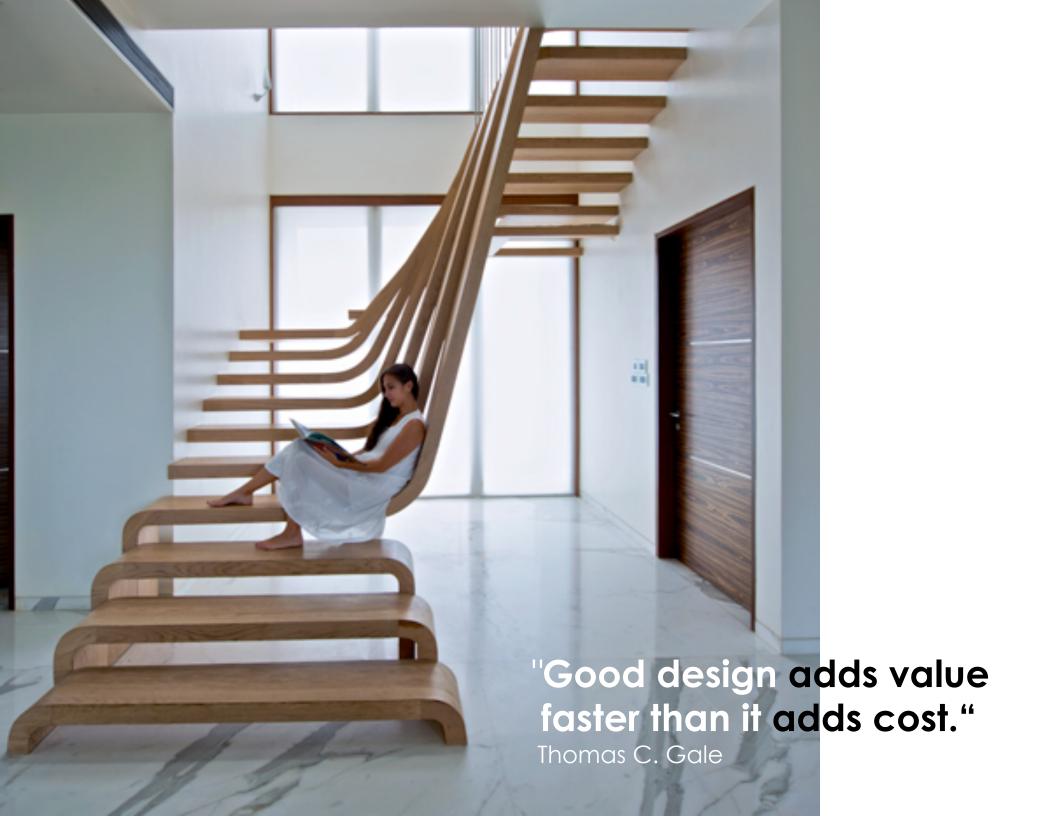
☐ The tone of that message

☐ The format that the work takes

Successful design has all three elements"

Frank Chimero





It is a combination of analytical accuracy, synthesis methods & tools, and is based around the "building up" of ideas.



#### **IDENTIFY THE PROBLEM**

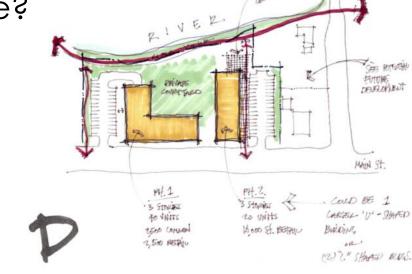
☐ Understanding the **problem** paves the **way for solving it.** 

#### **BRAINSTORM**

- ☐ Coming up with **many possible solutions** is a powerful way to begin a project.
- What are some different ways to tackle today's challenge?

☐ Off-the-wall suggestions often spark GREAT

ideas. How **creative** can you be?



# **IDEATION**

	Now it's time to choose the best solution and plan how o build it.
	Which brainstormed ideas <b>are really possible</b> ,
	en your <b>time, tools, and materials</b> ?
Ŭ V	What are some problems you need to solve as build your project?
•	How can a sketch help clarify your design?
TES	T, EVALUATE, AND REDESIGN
	Once kids settle on a design, it's time to build, test, and
r	edesign it.
	Why is it a good idea to keep testing a design?
	What specific goal are you trying to achieve, and how
V	vill you know if you've been successful?
	low does the design meet the criteria for success
r	presented in the challenge?

#### SHARE SOLUTIONS

- ☐ Presenting one's work to others is a **constructive way** to **conclude a project**.
- ☐ What's the **best feature** of your design? **Why**?
- ☐ What were the **different steps** you did to get your project to work?
- ☐ What was the **hardest problem to solve**?
- ☐ Did you have to do something **a few times** to get it to work?
- ☐ What If you had more time, how would **you improve** your project?





# We start with something that called **Design Research**

#### 1.Design Research:

- ☐ Is to acquire a view of the world,
- ☐ To interact with end users in order to **understand their needs and desires**
- ☐ To understand what **opportunities** there are for **design improvements changes**.





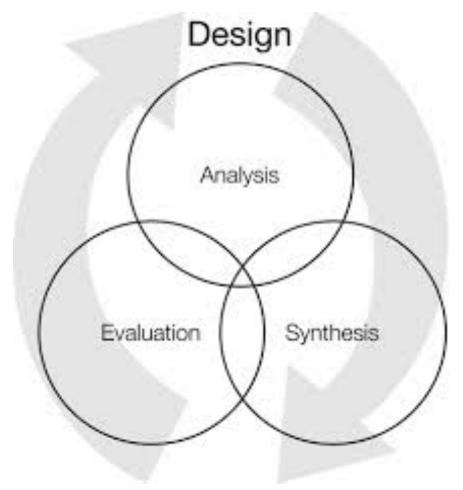
Design Research Could potentially lead to:

- ☐ The discovery of hidden desires
- □ potentially vital design insights



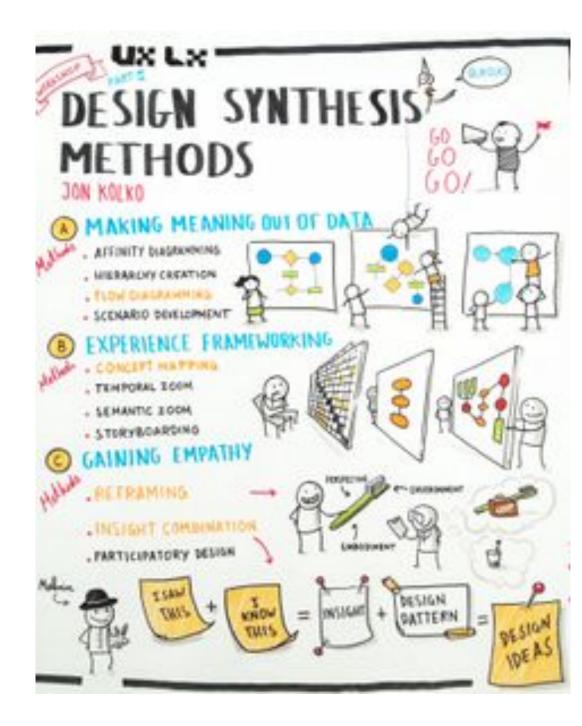
# 2. Synthesis

After we have gathered a significant amount of data and insights, we then **proceed to synthesis** in order to understand the **relationships within data**, from which we **extract meaningful insights.** 



# Synthesis is:

- combination or composition, in particular.
- ☐ the combination of ideas to form a theory or system
- ☐ Interpretive
- ☐ It is to the individual
- Which means that each person who synthesizes the data will most likely end up with different results, which is the beauty of synthesis



# Design As Storytelling

Twitter: Ogivision

1

September 24, 2011

# 3. Storytelling in Design

After the synthesis, we continue with **the iterative process** of design where we make things, form **scenarios**, **stories** in **visual forms**, and **storyboards**.

We illustrate interaction over time, how people grow with the product, and how they relate to it. The purpose of the story is how time plays a role.

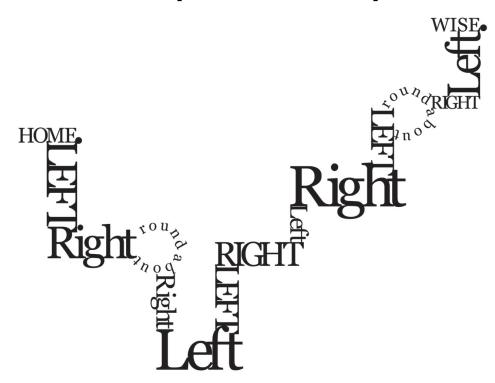


# 4.Strategy

As these stories get refined, you design

- wireframes
- product sketches
- □ service road maps
- journey maps

that all become a blueprint that help visualize our design.



"Great design is storytelling at its finest; it is insightful, sincere and evokes emotion and change. Design is at the center of the user experience and it is the designer's responsibility to make the experience remarkable for both the client and their audience."

Jim Antomopoulos

#### 5.Evaluation

For the last stage, we reach the evaluation, where we **test the things** we have created to understand people behavior and people needs.



#### Research:

Contextual Design (ethnography), Mapping, Storytelling, Cultural Probes

#### Synthesis:

Theory of Change, Reframing method, Concept Mapping (zoom Semantic), Insight Combination

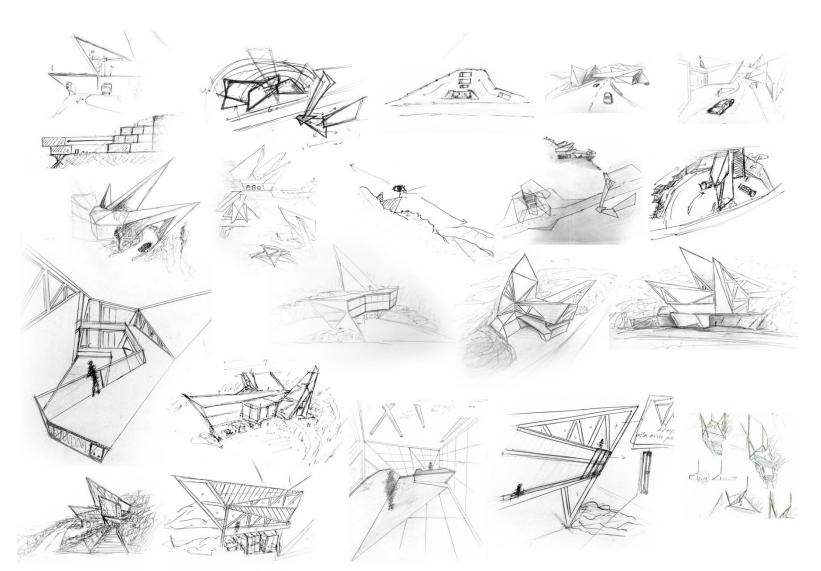
#### **Ideation:**

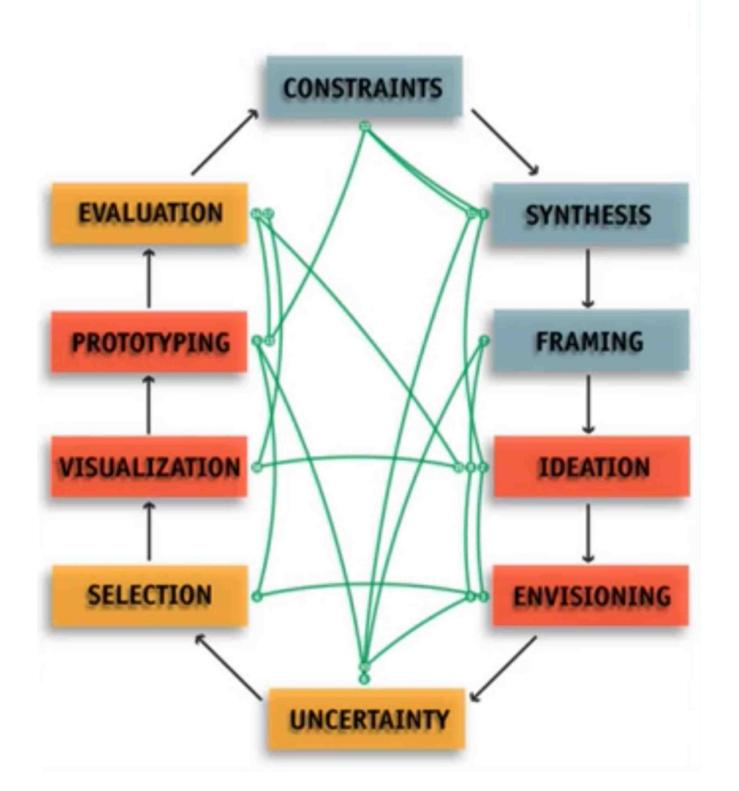
Brainstorming principles, Building up other people's ideas, mapping ideas

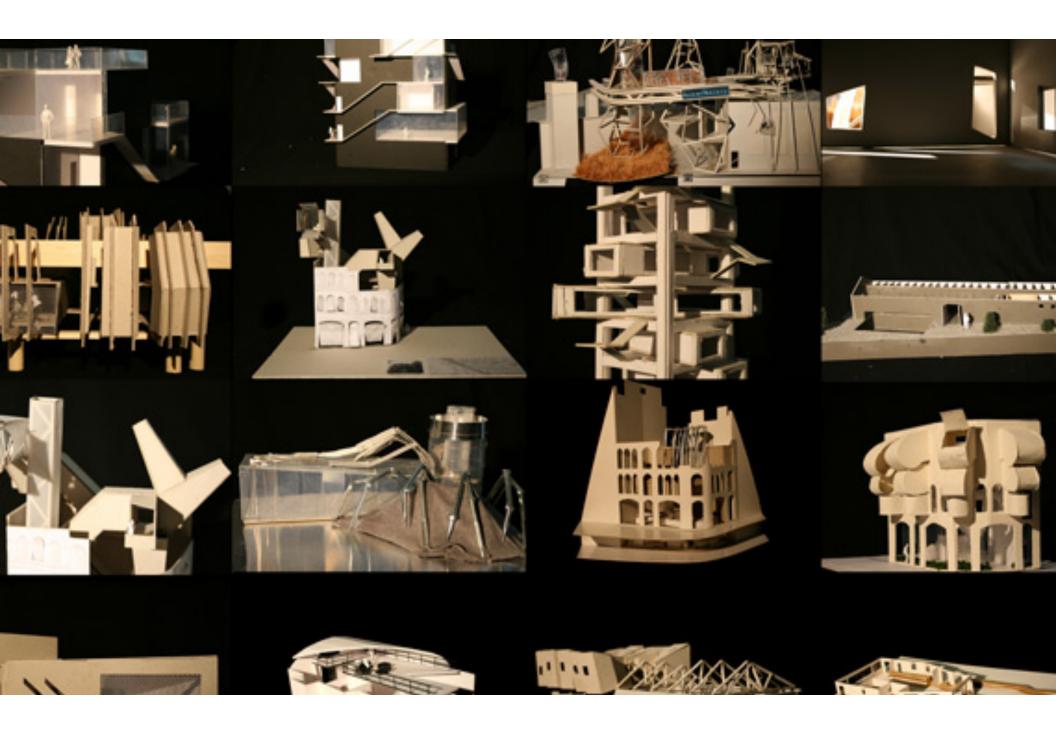
#### **Design & Iteration:**

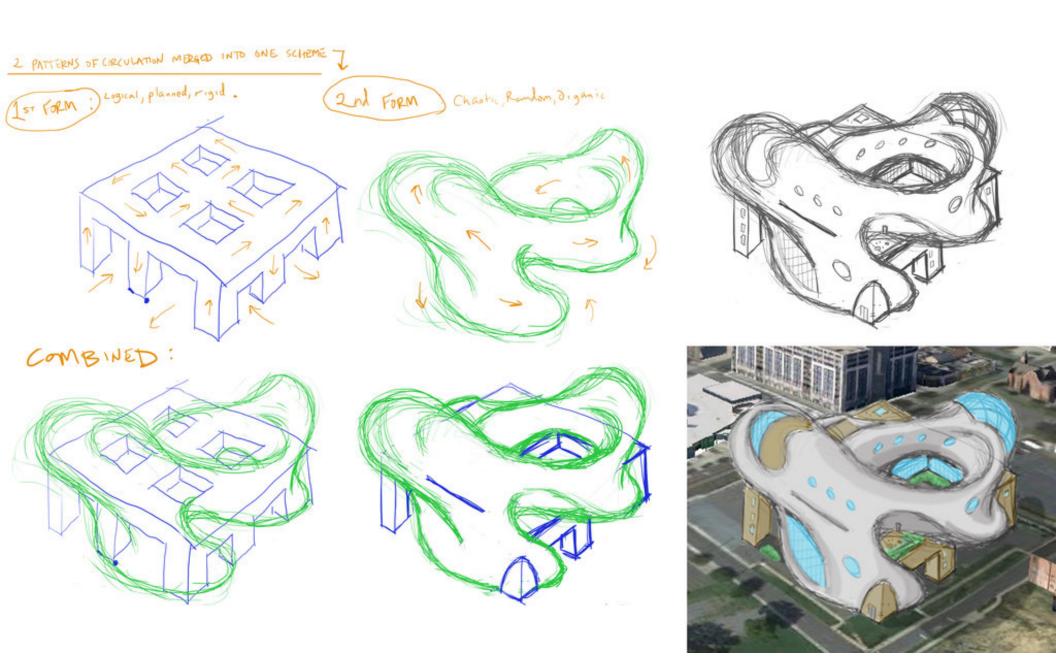
Products Sketches/wireframes, Scenario Planning, Journey Maps, Use Cases, Bodystorm, Service Blueprint

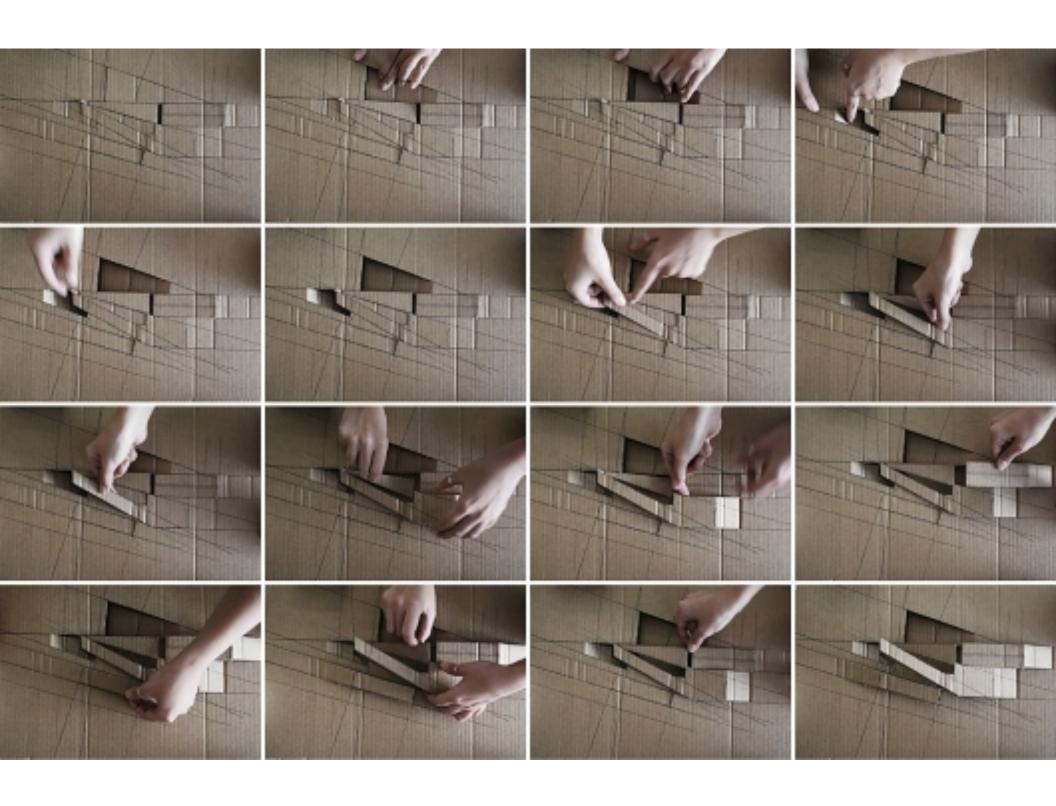
- ☐ Initial ideas
- ☐ Try different ideas
- ☐ Learn from your Mistakes
- ☐ Try again



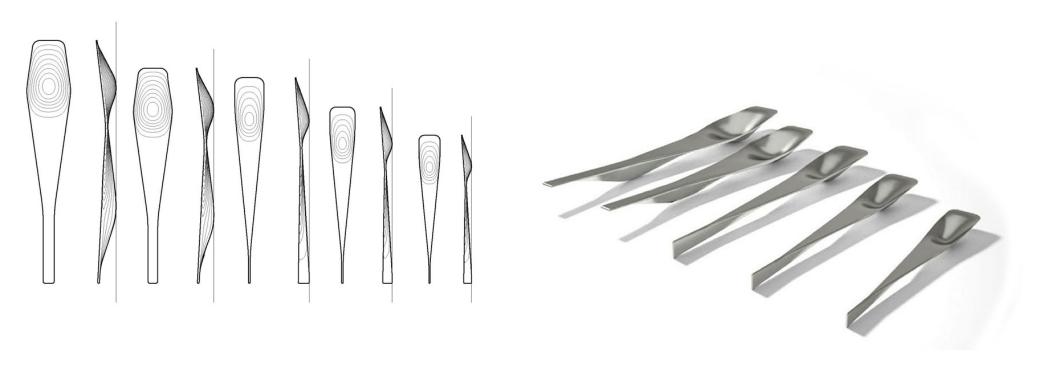


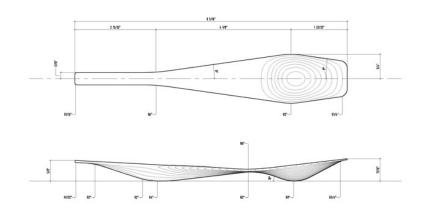




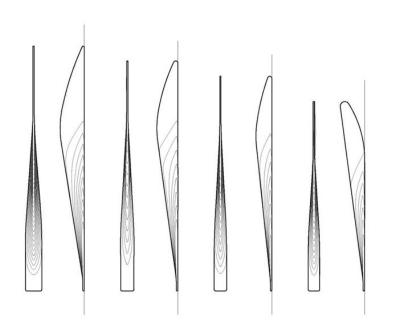


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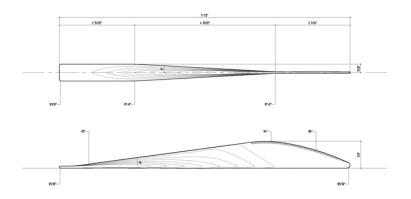




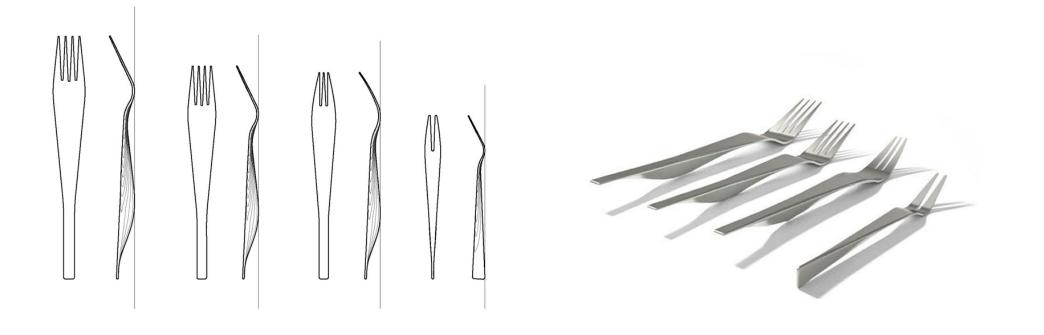


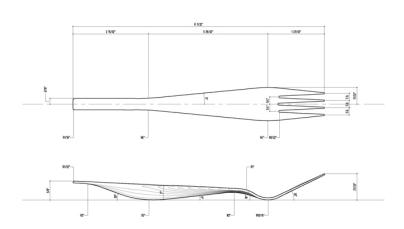










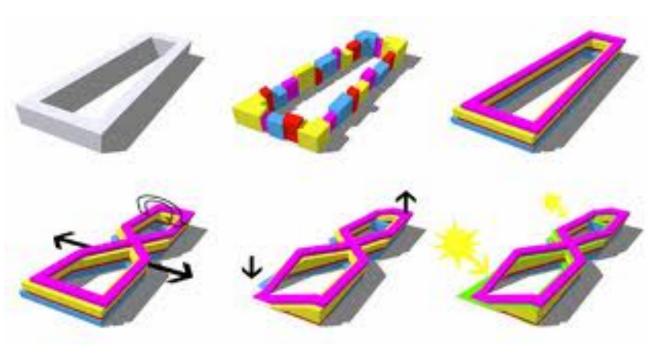










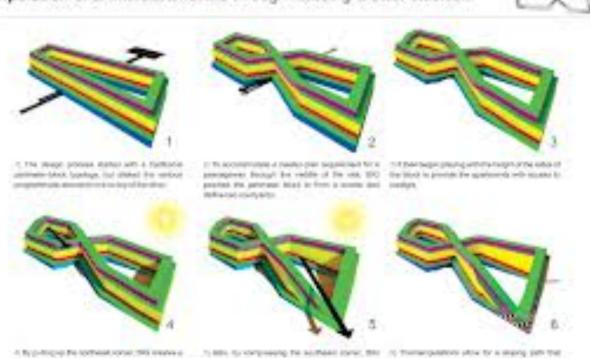




#### Manipulation of architectural forms through massing & solar studies...

stant but given medical cases of editors!

THE RESIDENCE OF STREET, SHOULD SHOULD SEE



throughout and prophy built.

bestine a despe that price requesty desired adjacent. Outside annix the building following the figure of \$1.











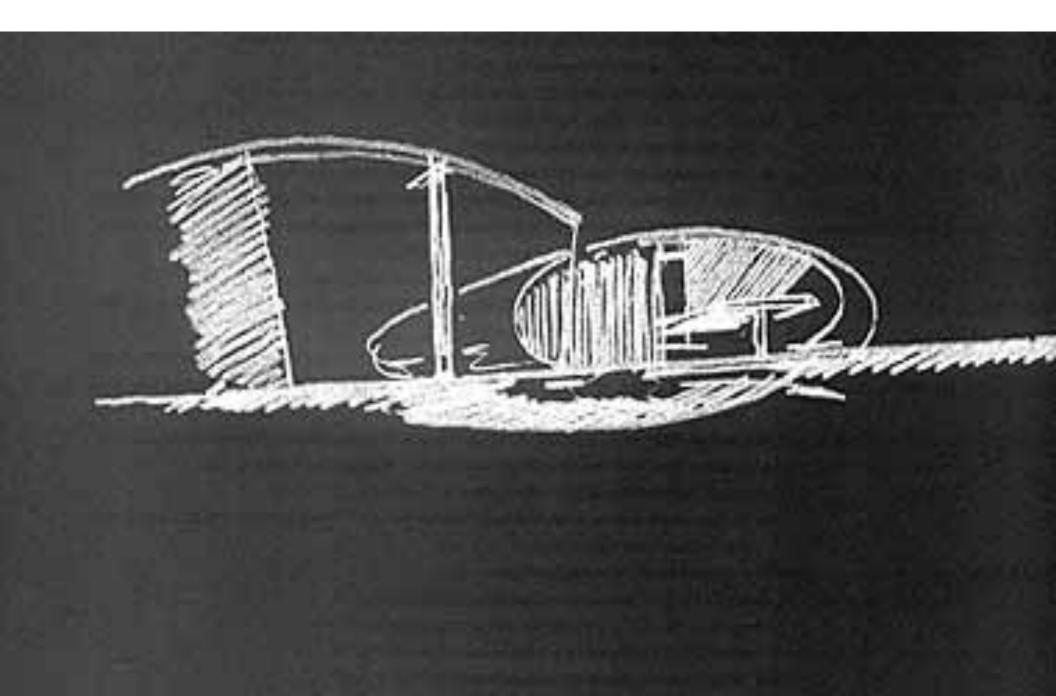








# concepts, motif, theme



what does concept mean to YOU?

# what everything answers to

### creative chaos

inspiration. idea generation. not held to real deliverables

the creative extension of what you learn from the research

# visually bringing a story to life

finding the richer, deeper, REAL story

## the BIG IDEA

the deeper meaning beyond the superficial

the glue that holds everything together

- collin, interior designer

### **Concepts**

- ☐ A general notion or idea
- ☐ An idea of something formed by mentally combining all its characteristics or particulars; a construct.
- ☐ A directly conceived or intuited object of thought.



- ☐ A 'holiday' is a concept.
- ☐ A 'seaside holiday' is more specific.
- ☐ There can be yet more detail: a beach holiday, a yachting holiday, a bird-watching holiday, an adventure holiday, etc.



The value of concepts is that we can use them to 'breed' ideas.

- Concepts can be categories of functions or an assembly of things or activities.
- ☐ An 'activity' is a concept.
- □ A 'game' is a more specific concept.
- ☐ 'Football' is yet more specific.
- ☐ The match between two specified teams is the actuality.

JICIEILI

### A design concept is an idea for a design.

- □ It is a general idea for the drawing. it help to know and identify all the process under taken in the design process.
- ☐ Concepts play a **key role** in the **development** of **innovative design solutions** for many Designers.
- ☐ Concepts are used to **frame** some **general design approach**.



For instance a design concept for a website might sounds like

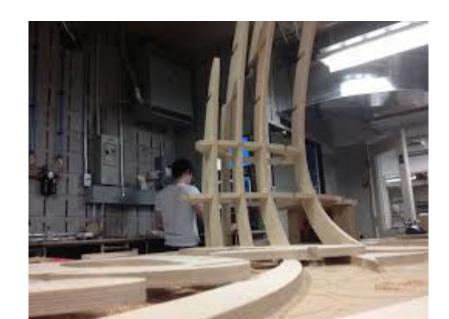
"It will be mostly dark muted colors with some orange highlights, and use the theme of circles that will be repeated throughout the site".



It is usually accompanied with a design mockup, which is a representation of the idea that **isn't fully finished** or **implemented** the way the final product will be.

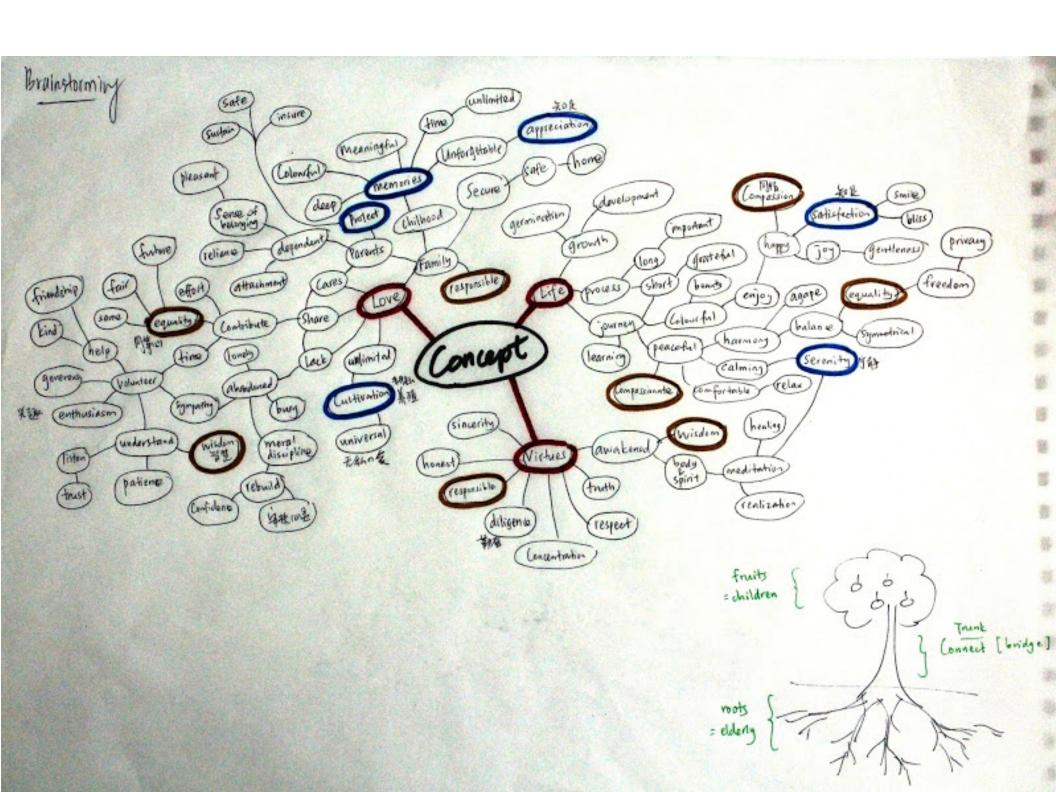
For instance a mockup for a web design might be a screenshot instead of a rendered webpage.

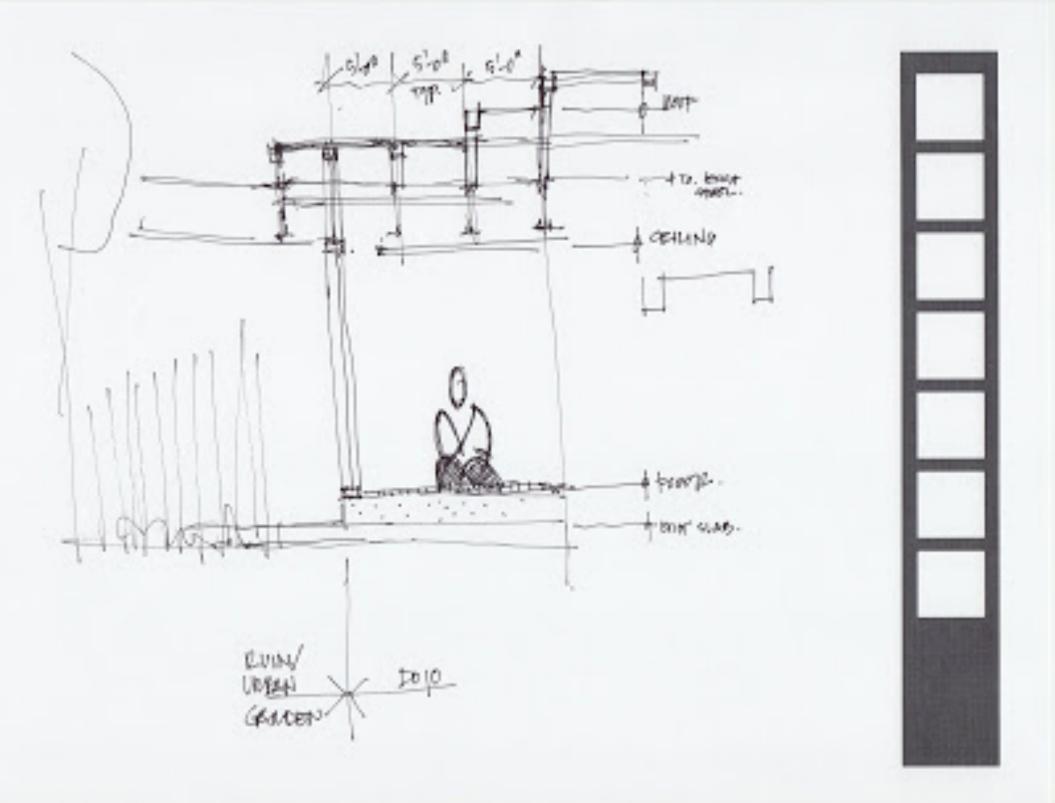
A mockup for a business card might be a few versions of the design idea **printed out on a sheet of paper** instead of the final run of printed

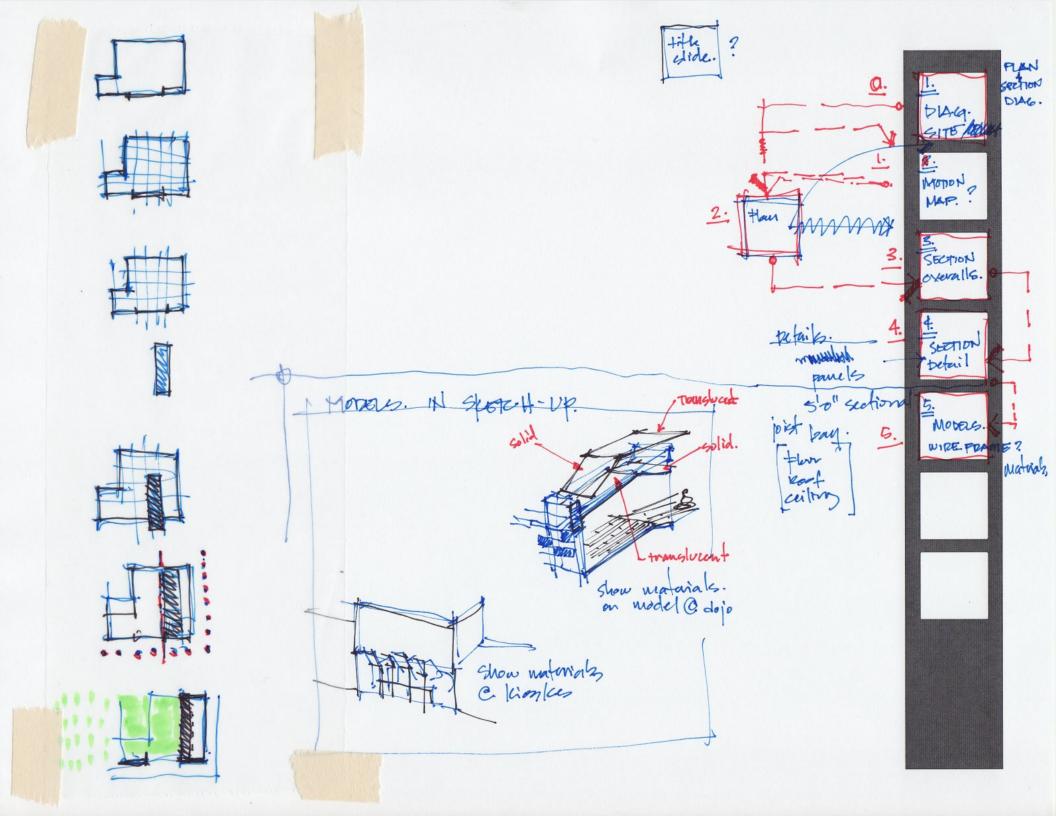


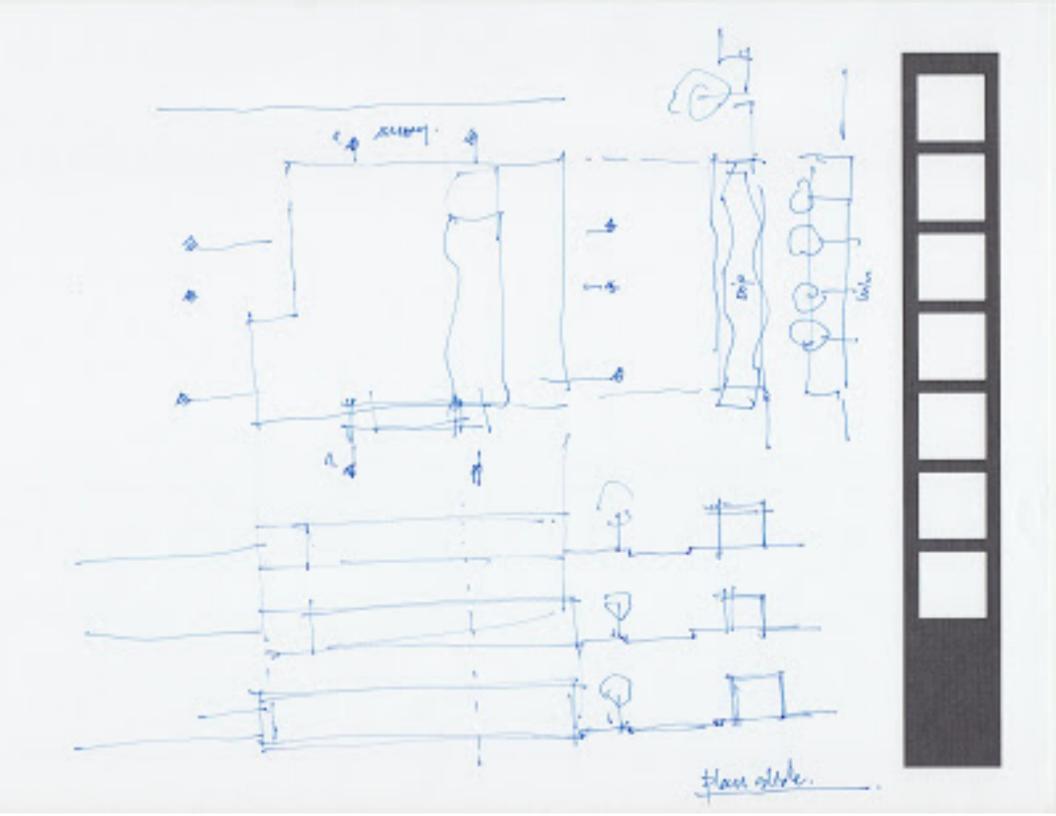


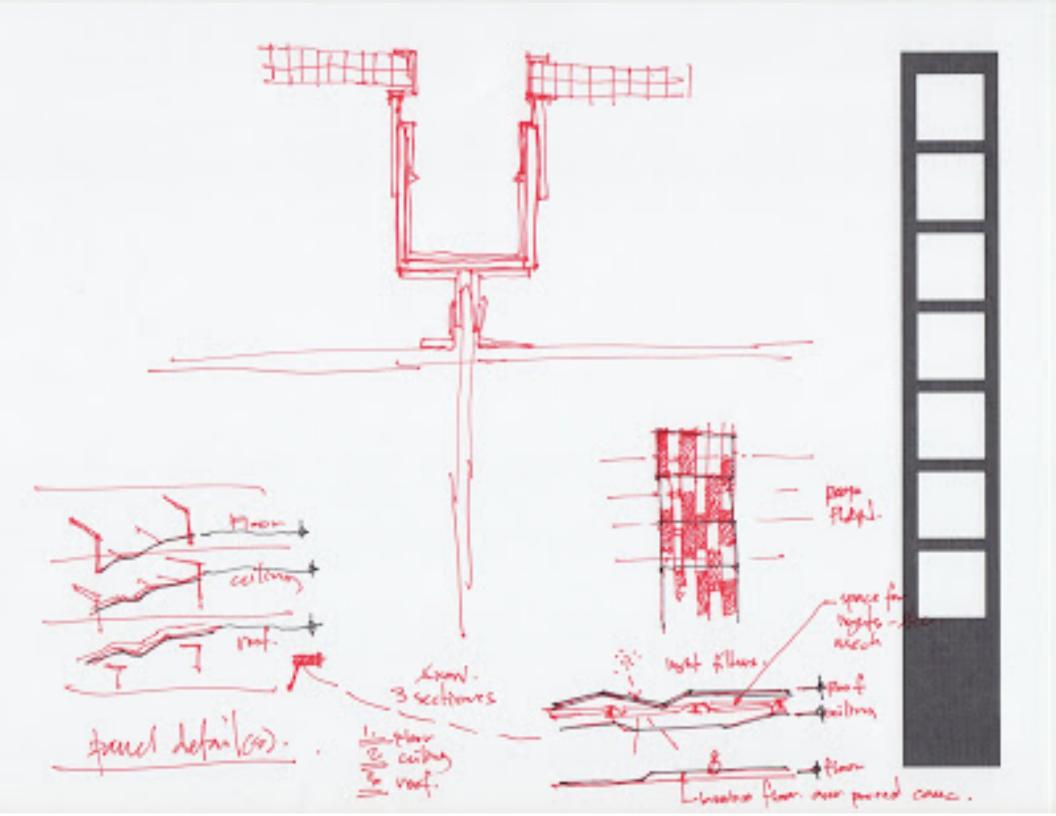




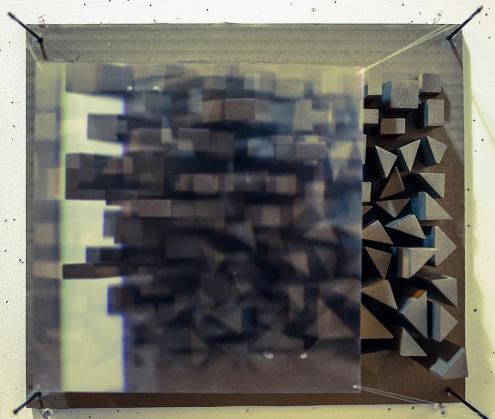






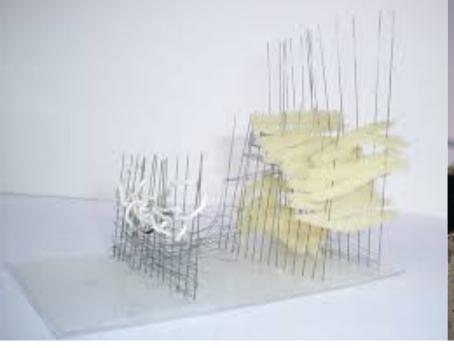


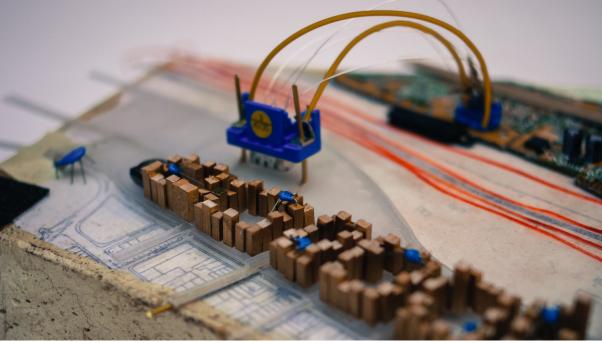


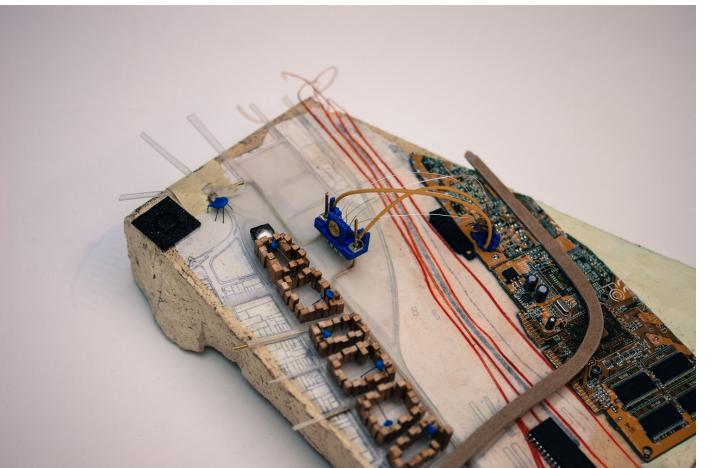












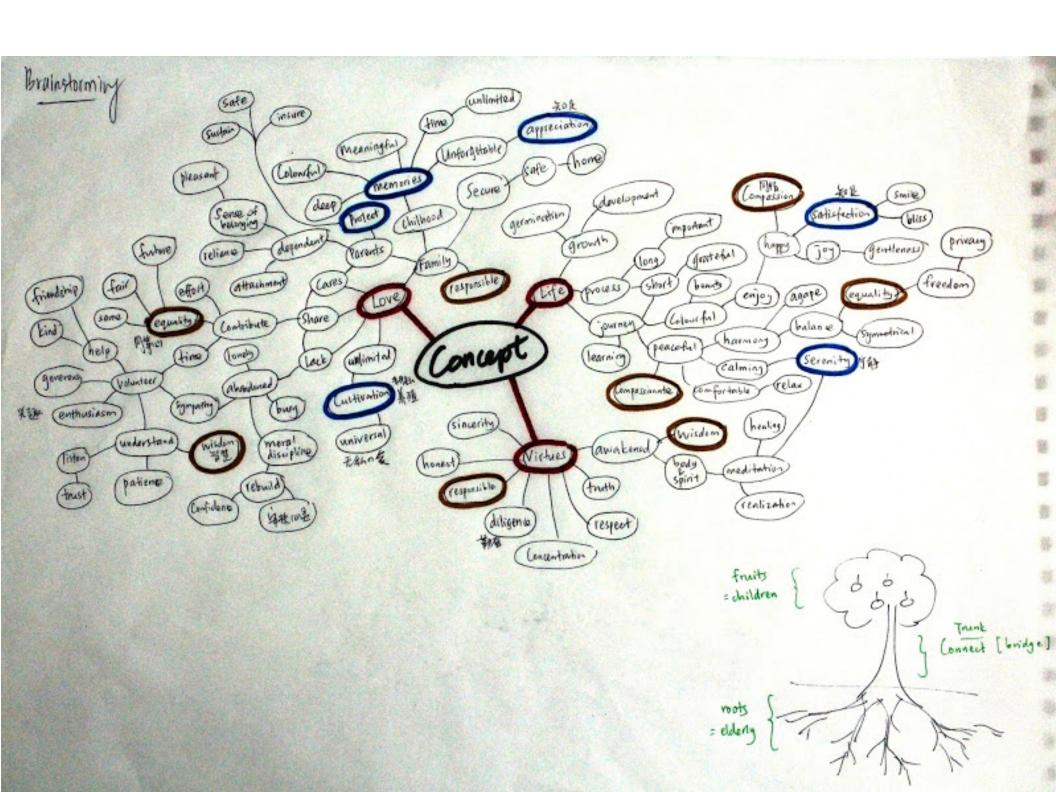












#### Motif

- ☐ Latin: Movere (v) motivus (n)
- 1.A dominant theme or central idea.
- motif [moh teef], a situation, incident, idea, image, or character - type or any element of a work that is elaborated into a more general theme. Like resurrection, love, Desolation, etc...
- 2.A design or designed image that is **repeated over** and over with little to no differences.
- ☐ Repeated unit to create **visual rhythm**.











### Designing, as a creative process, begins with you

- □ A design project, as an expression of need or desire, begins with a user, or client.
- ☐ The process of transforming a client's needs and desires into a physical, visible, space or object, begins with you.





### To be a creative designer:

- up you must have interests,
- up you must have experiences that enrich your interests,
- up you must accumulate appropriate knowledge and skills that help you conduct the creative processes involved in designing.



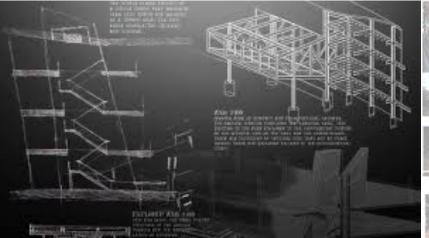
# The beginning point of a design exploration is open to your own individual interests and thoughts.

- □ how you begin a design exploration is substantially up to you.
- you can do almost anything at the very beginning of a design exploration, and it can work for you as a way to get into the complexities of a project.

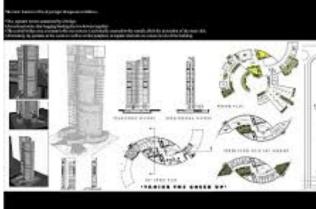


for example, to design a portfolio/graphics page layout, you could:

- spill ink on a piece of paper and let it run into a variety of shapes as gravity, and the absorption of the paper determine
- draw out a regular, geometric grid, of half inch squares.
- draw out an irregular geometric grid.
- ☐ draw out a set of lines that seem to be of the moment, gestural, and not necessarily 'rational'.







# How you begin is up to you, but to be a good designer you must have interests in the things that make up the world of design

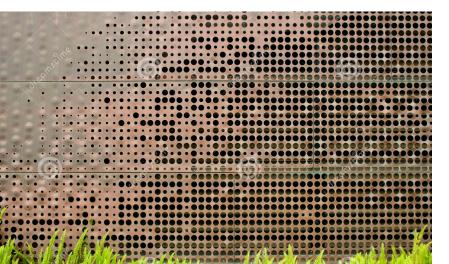
what kinds of things catch the attention of designers?

- □ **Space Quality:** How the designed space works with the user needs and requirements.
- materials: in terms of all the qualities that make different materials interesting, and beautiful.

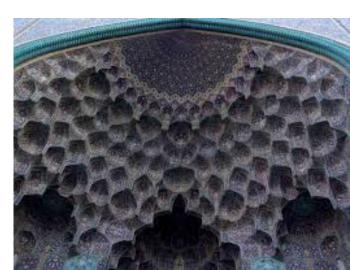




- geometry: the application of various shapes, the relationships between objects, the clarity of 'pure' forms (circle, sphere, square, cube, pyramid, equilateral triangle) or combination of them to create crazy forms.
- □ **size and scale**: the play between very small and very large in objects and in spaces
- color: the richness that is created by experiencing colors used in a purposeful relationship; colors that speak of an important 'reality', such as a regional material (red tile roofs of the southwest)







# To do a complex activity at a high level, to do it really well, takes an unreasonable effort!

- □ it seems pretty clear that our ability to learn, and achieve high levels of skill in complex activities requires a great deal of regular, repeated, and focused effort.
- ☐ it may seem like too much effort sometimes, but such is life.
- if you want to be good at something there seem to be no 'easy' way to get there. the exception to this thought is that such work can seem 'easier' if you enjoy it, and if doing it seems to happen in a pleasant, enjoyable way.

when you are working on a design project you have to use all of your powers of concentration, creative thought, and enthusiasm.

- a design project is a setting in which decisions have to be made, at every step of the project.
- upon must train yourself to step forward, and offer an answer, a proposal, to any question that is revealed. if you do this, you will discover that you have more knowledge than you thought, and you will impress those around you with your skill, and your discipline specific abilities.

### 'Fail early, fail cheap'

'Have passion, it is contagious'

'If your not having fun it's half your fault'



### Resources

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### **Resources**

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