

What is Creative Inspiration?

A Noun-

Creativity

The ability to transcend traditional ideas, patterns, or relationships and to **initiate meaningful new ideas, forms or interpretations**

A Verb-

To Conceive

To form an idea or conception in the mind

To Contrive

To form in an artistic or ingenious manner

To Devise

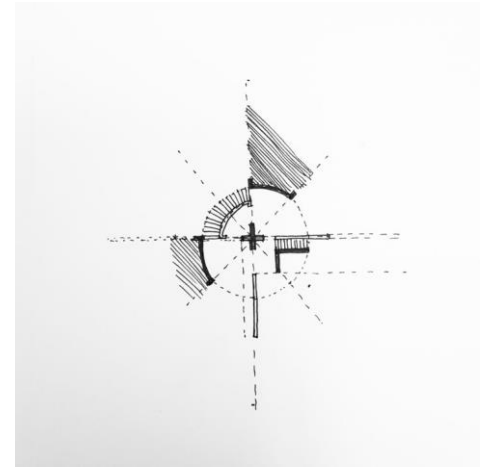
To form in the mind by new combinations or applications of existing ideas or principles



Creative Inspiration can lead to...

Innovation in Form

The shape and structure of something as distinguished from its substance or material.
The manner of arranging and coordinating the parts of a composition so as to produce a coherent image.



Unique Composition

The arranging of parts or elements in to a proper proportion or relation so as to form a unified whole

Novel Parti

The basic scheme or concept for an architectural design, represented by a diagram

In Architecture, this usually responds to...

Function:

The natural or proper action for which something designed is used or exists



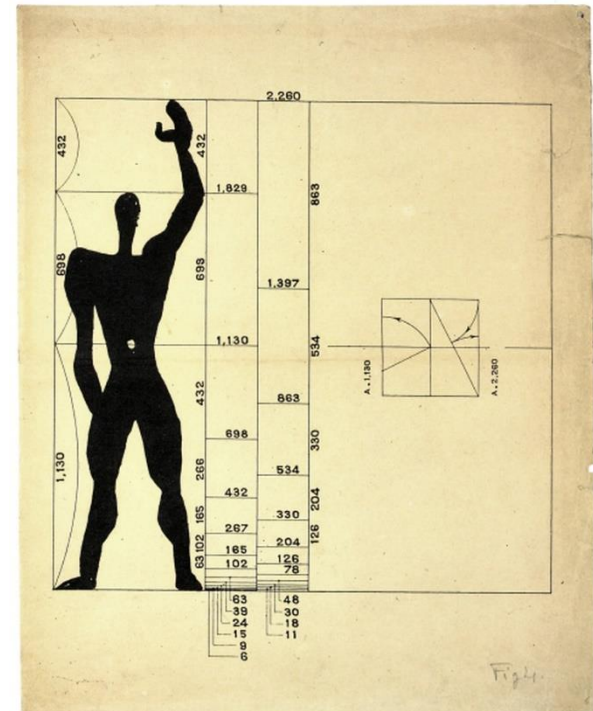
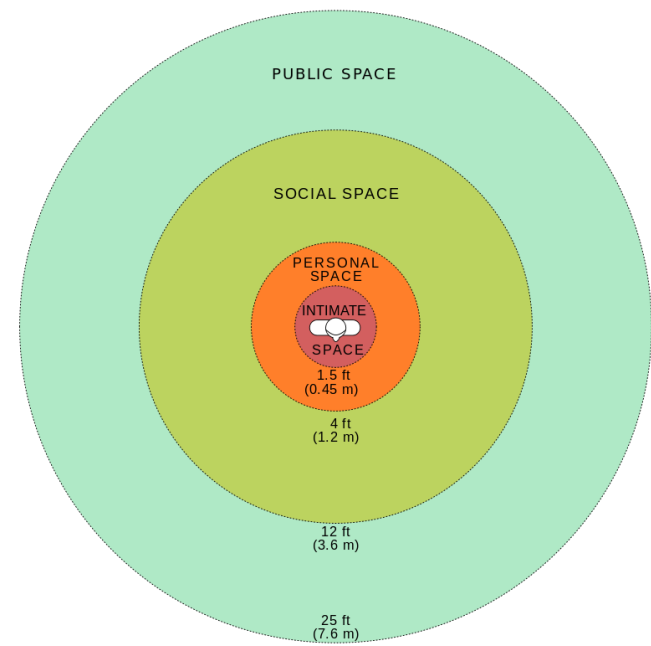
"Frei Otto Exhibition 1" by J-Wicz is licensed under CC BY-NC-SA 2.0

Albert Renger-Patzsch, photo

<https://www.pinterest.fr/pin/251920172890267689/>

The Modulor, Le Corbusier
Degas Drawing
Proxemics, Edward Hall

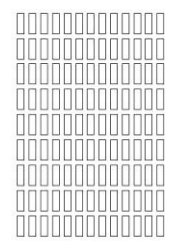
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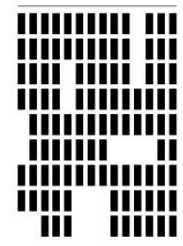
Inspired by pattern and fashion

Candle Ray Torreverde, The Philippines
<https://luxiders.com/ecochic-design-award-2017/>

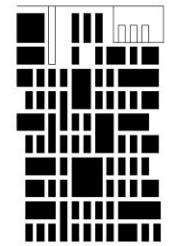
Wang Shu, Architect- Façade detail
[Coldefy & Associés Architectes Urbanistes](#)



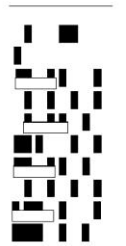
MODULE
60 X 85



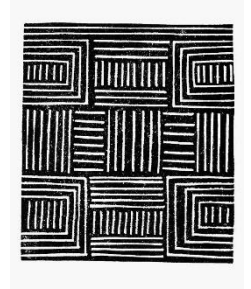
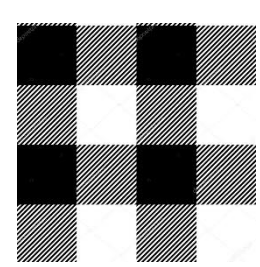
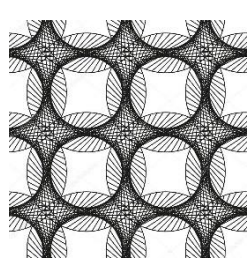
BUREAUX
& ACTIVITES



LOGEMENTS:
FACADE SUD



LOGEMENTS:
FACADE NORD



Inspired by nature's structures, forms and functions

Andy Goldsworthy

Fernando Menis Texture and Drawing of the Sacred Museum

Termite mound

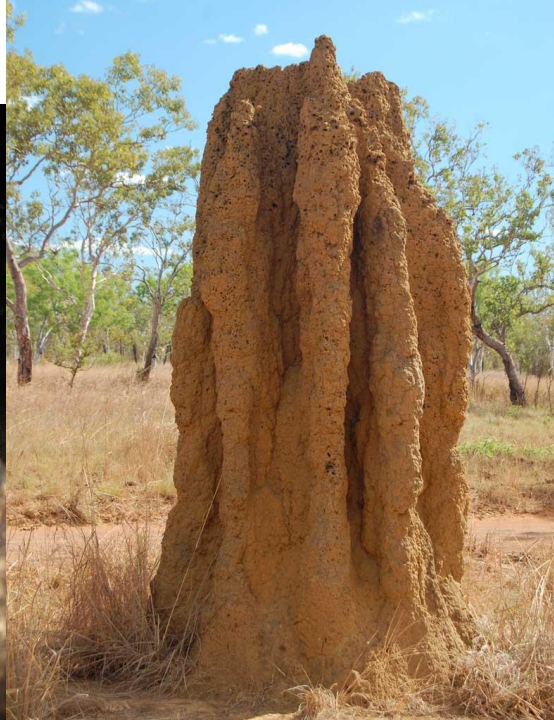
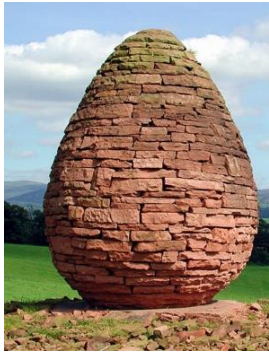
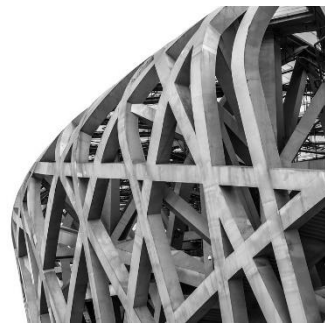
Peter Zumthor, "Bruder Klaus Kapelle" by jpmm is licensed under CC BY-NC-ND 2.0

"Orange Pore Fungus (Favolaschia calocera)" by Bernard Spragg is marked with CC0 1.0

Herzog and de Meuron

"鸟巢 Bird's Nest (National Stadium) / 中國北京體育建築之形 Sports architecture forms in Beijing, China / SML.20140502.6D.31732.P1.BW" by Seem-ing Lee (SML) is licensed under CC BY-NC 2.0

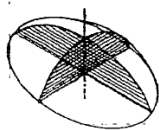
"weaver Bird nests" by Sara&Joachim is licensed under CC BY-SA 2.0



Inspired by geometry and the wisdom of indigenous building

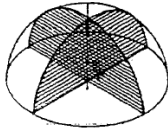
spheroid

A solid geometrical figure similar in shape to a sphere, as an ellipsoid.



ellipsoid

A solid figure all plane sections of which are ellipses.

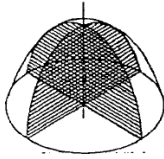


prolate spheroid

A spheroid generated by rotating an ellipse about its major axis.

prolate

Elongated along the polar diameter.



oblate spheroid

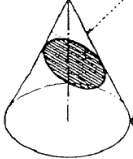
A spheroid generated by rotating an ellipse about its minor axis.

oblate

Flattened at the poles.

truncated

Having the apex, vertex, or end cut off by a plane, esp. by one parallel to the base.

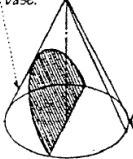


ellipse

A conic section formed by the intersection of a right circular cone with a plane that cuts through both the axis and the surface of the cone.

frustum

The portion of a conical solid left after cutting off the top with a plane parallel to the base.

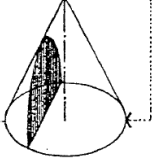


parabola

A conic section formed by the intersection of a right circular cone with a plane parallel to a generator of the cone.

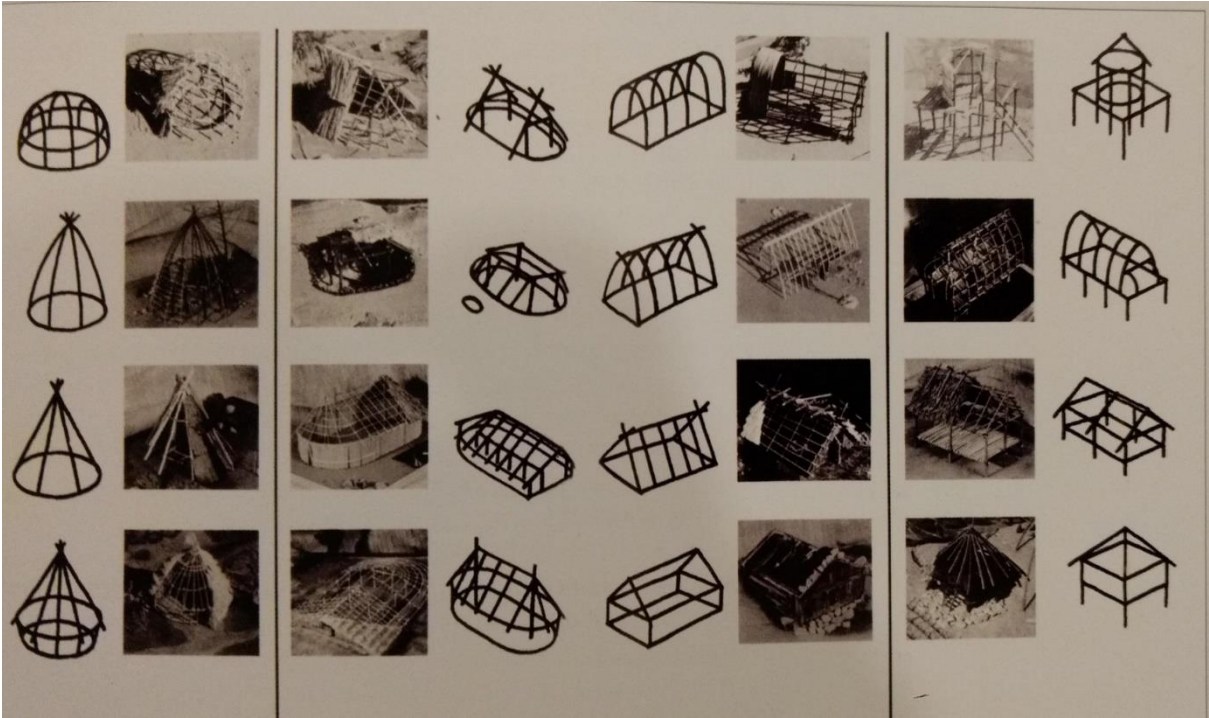
conic section

A plane curve formed by the intersection of a right circular cone with a plane.



hyperbola

A conic section formed by the intersection of a right circular cone with a plane that makes a greater angle with the base than does the generator of the cone.



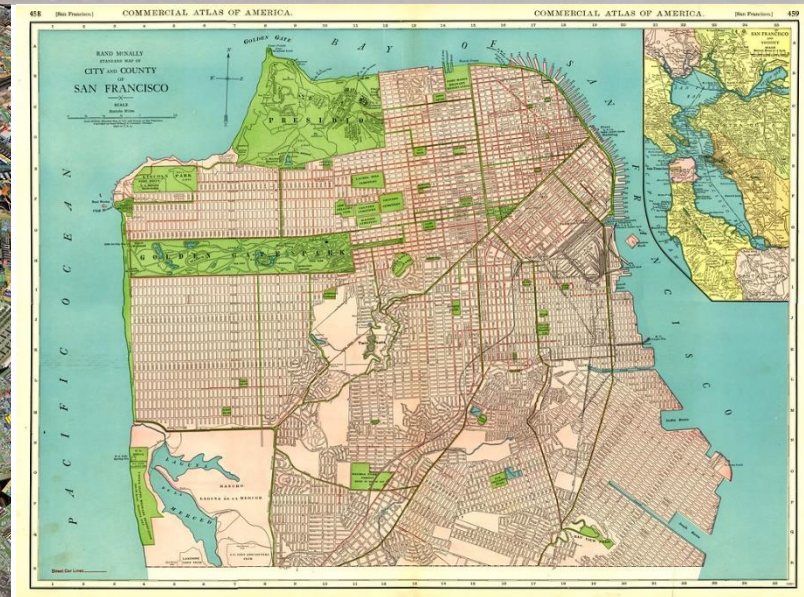
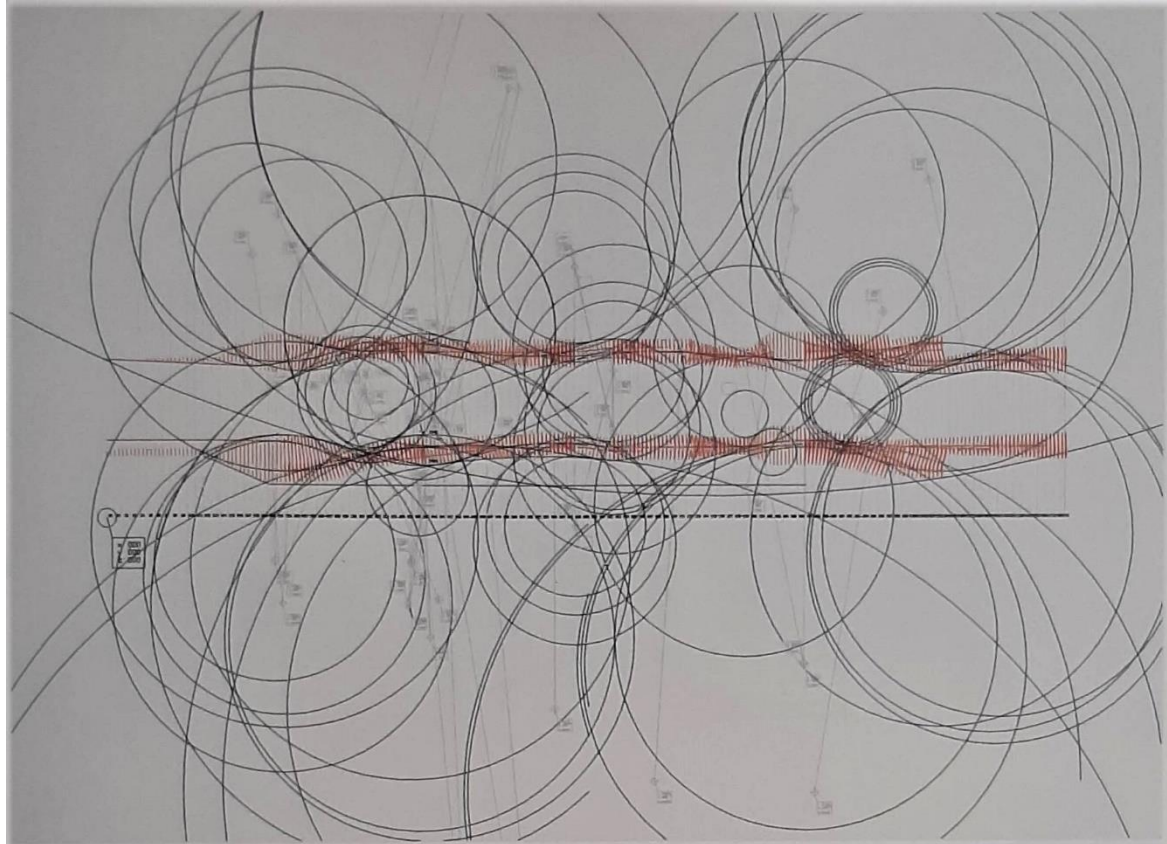
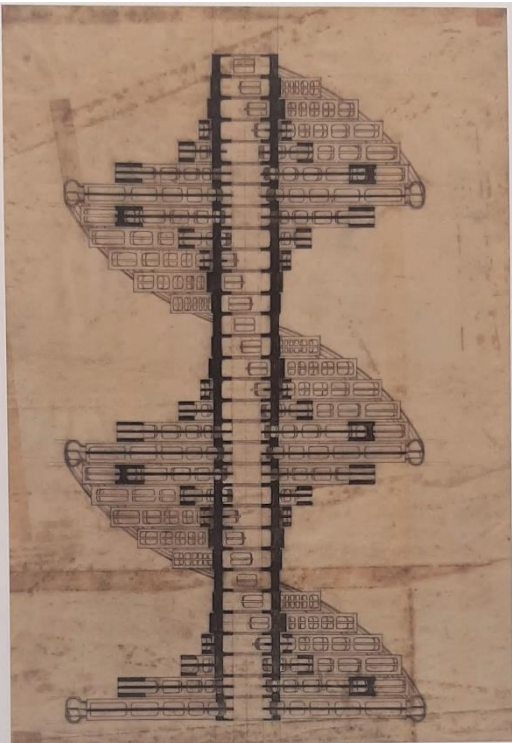
Inspired by meta, modern and future

Foreign Office Architects, Yokohama Ferry Terminal, 2002

Chris Jordan, Artist

"1925 San Francisco Street Map" by Dollar Bin is licensed under CC BY-NC 2.0

Kisho Kurokawa, Helix Structure, 1961



Inspired by culture, pattern and sacred geometry

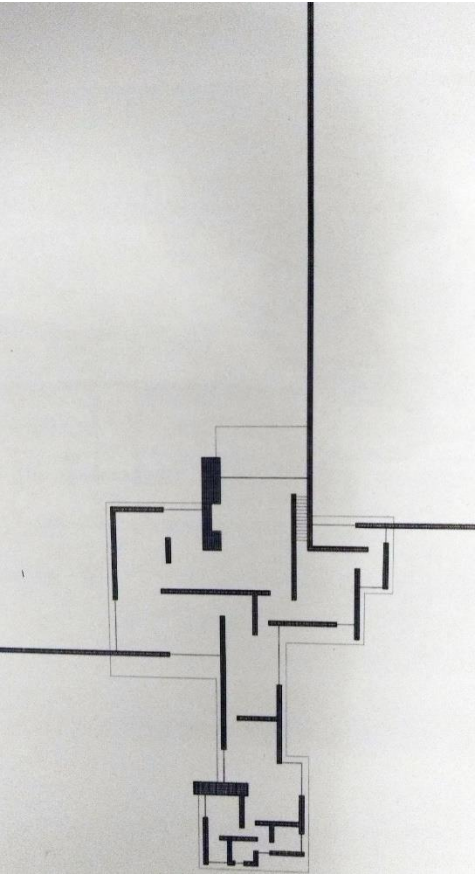
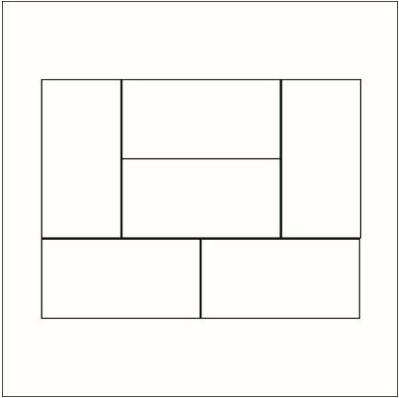
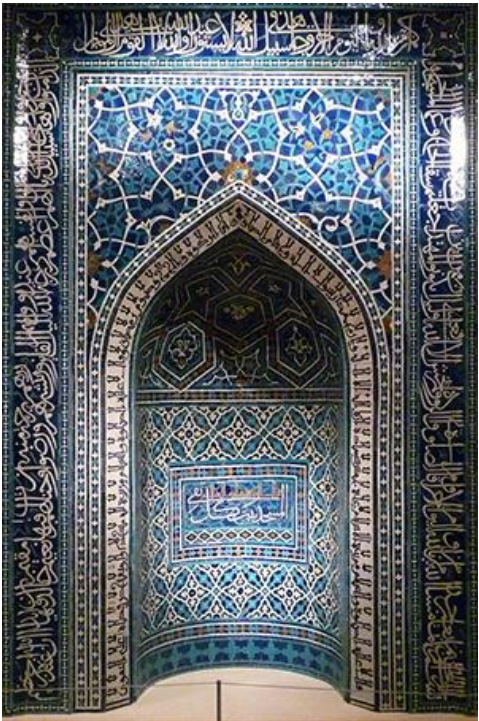
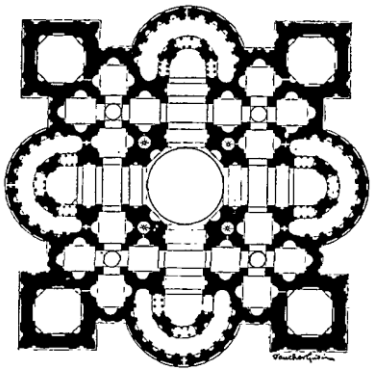
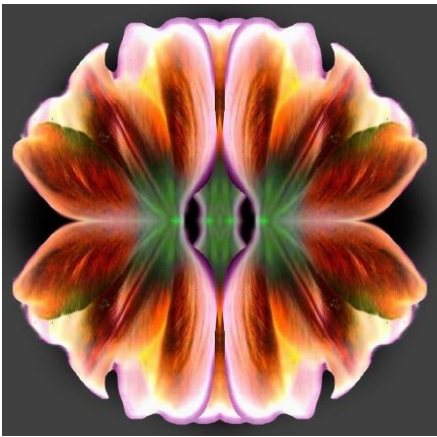
Middle Eastern and Islamic Design and Calligraphy

Mies van der Rohe

Japanese Ken Diagram

Renaissance Plan

"2016-05-20 symmetrical flowers" by april-mo is licensed under CC BY-NC-SA 2.0

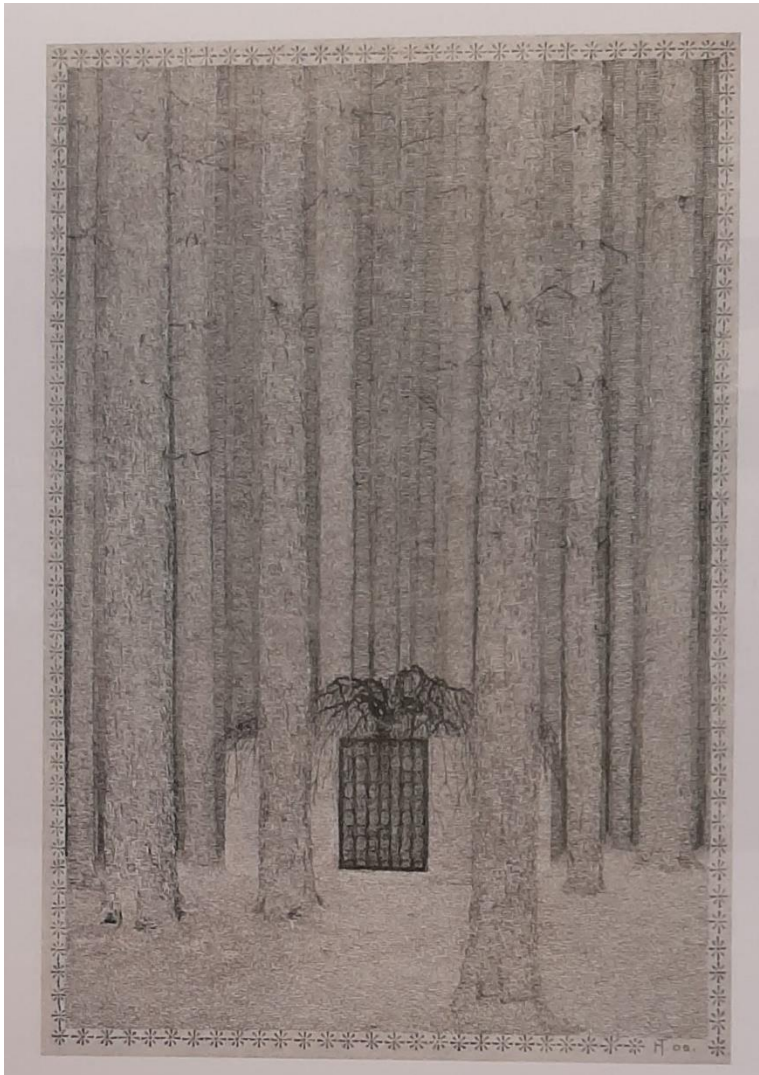


Inspired by place

"Quaking Aspen" by [ZionNPS](#) is licensed under [CC BY 2.0](#)

Beato, Antonio, photograph Luxor Egypt

Heinrich Tessenow, Sepulchre in the Forest, 1905



“Diagrams are those drawings which engage in a self-conscious reductive process, attempting to make clear a specific interpretation through the exclusion of that information which the authors deem irrelevant.”

-Envisioning Architecture

Self-conscious reductive process?

The act of removing information on purpose, not randomly leaving it out by accident.

Specific interpretation?

By removing all information that does not support a specific idea or concept, the diagram explains ONE idea very clearly

Diagramming can be used to translate inspiration into an architectural design

Inspiring Imagery
and Ideas



Diagramming

Form
Composition
Parti

Stories
Paintings
Natural Forms and Processes
Sculpture
Music
Science
History
What else?....

Open ended inquiry...

Drawings exploring process

*Drawings exploring context or
site conditions*

*Drawings reducing form into
fundamental or platonic shapes,
datum, and orders*

Drawings explaining experience

Open ended design process...

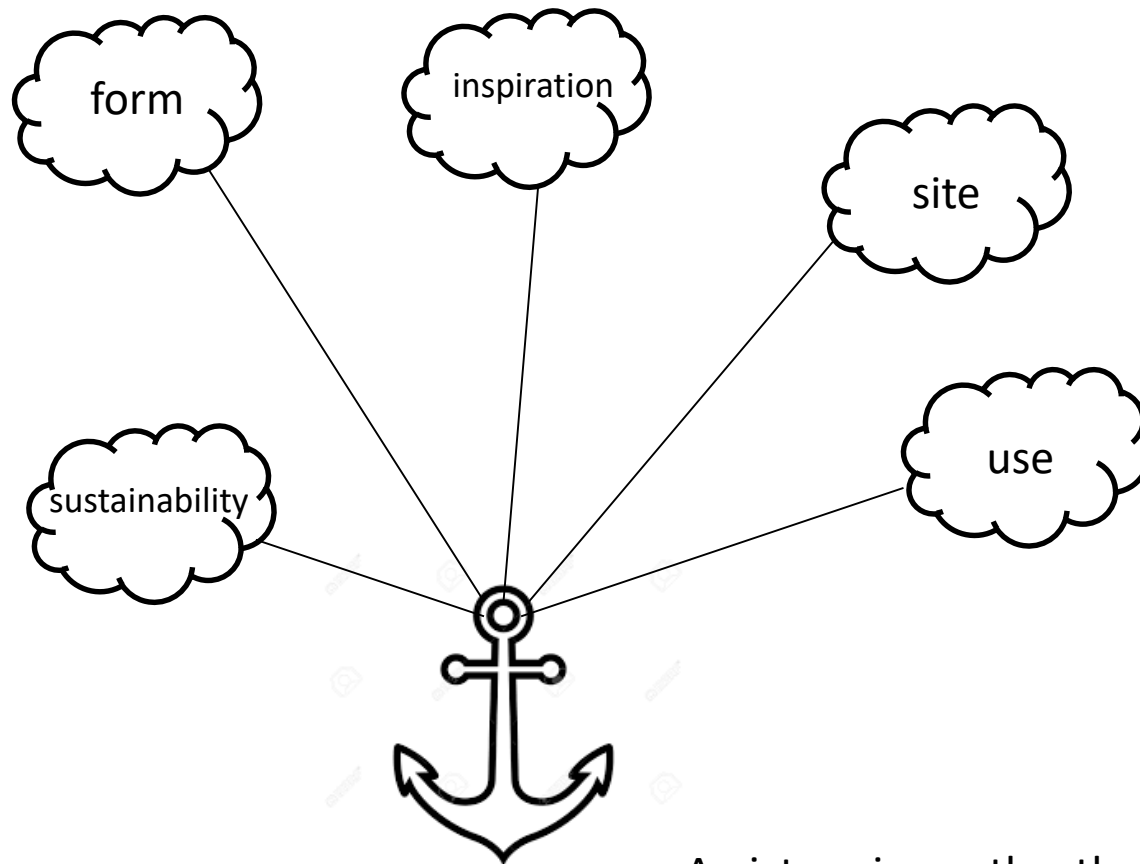
*Describe what is most important
in the design*

*Begin to translate desires into 3D
space*

*Provide a visual logic to the
messy design process*

*Formulate the design problem to
be solved and clues to its solution*

a diagram can also be used throughout the design process
as a conceptual anchor for the project



A picture is worth a thousand words

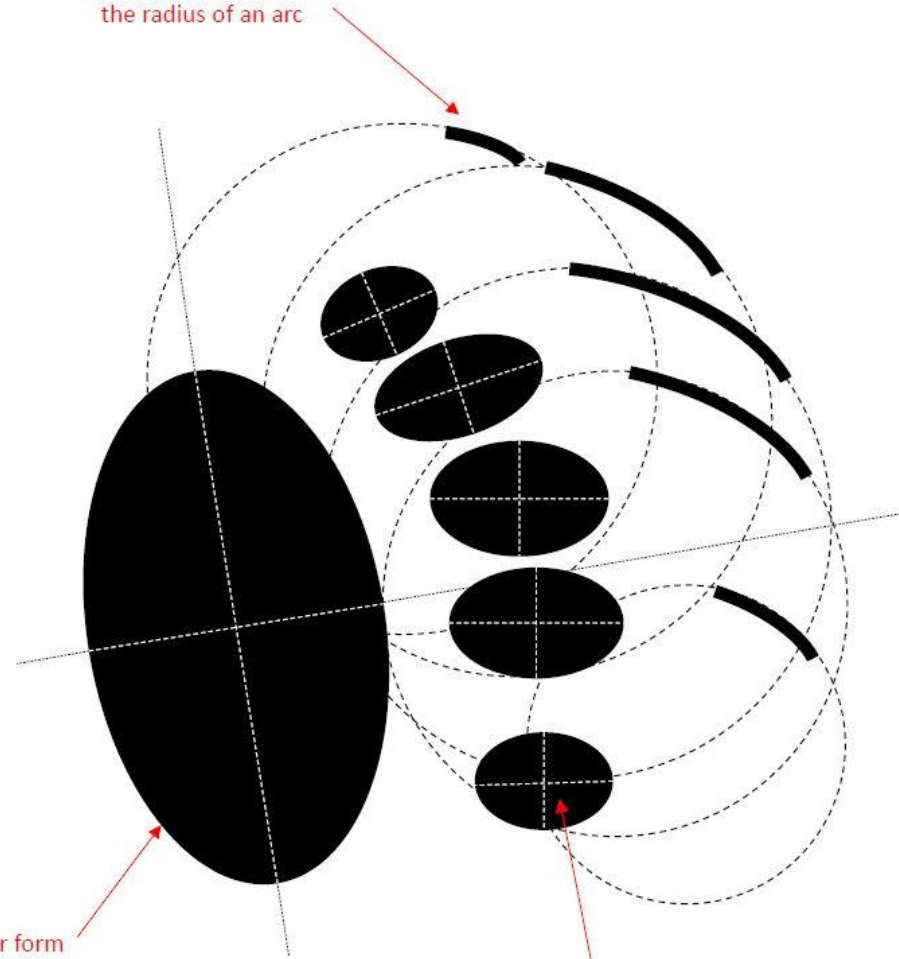
TIPS FOR DIAGRAMMING

- Use templates to make precise shapes
- Work in black and white / positive and negative space
- Find the geometry- platonic shapes
- Understand the geometry- proportions, symmetry lines, mathematical structure
- Extend the guide lines
- Use a variety of line weights to show depth and/or importance

*In our first assignment we will be making sketches of objects
then diagrams from those sketches*



Use a circle to understand
the radius of an arc

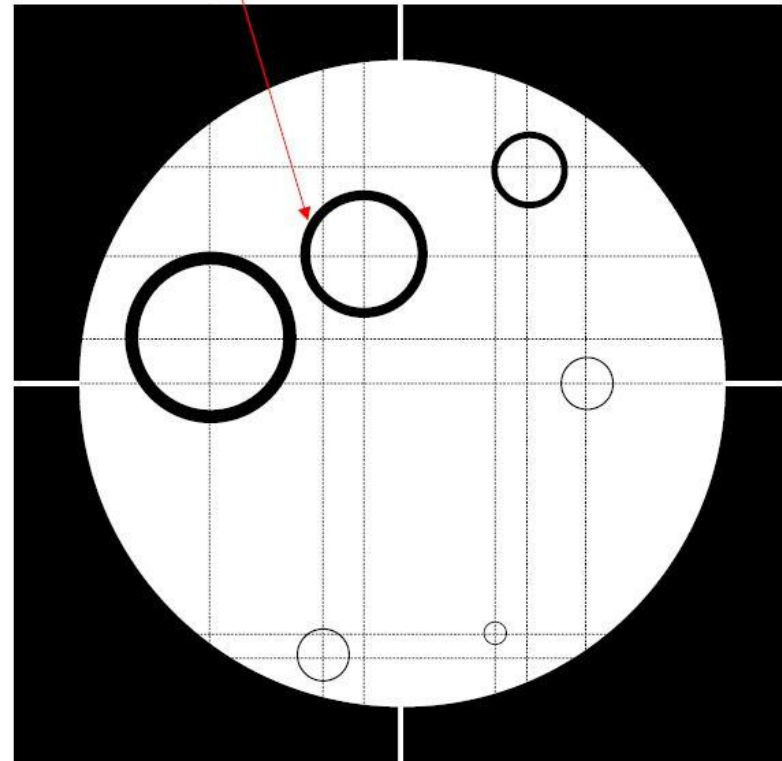


Begin with a regular form
like a circle then equally
transform it to an oval

A circle and an oval have a
center point



Use a variety of line weights to distinguish elements



Positive and negative space or figure / ground!

Links to Sources of Inspiration and Examples of Diagramming

- [CSUS Library Guides for Interior Design \(Links to an external site.\)](#) (look for Artstor link under Research Guides, good for finding images of older buildings)
- [https://creativecommons.org/ \(Links to an external site.\)](https://creativecommons.org/) (The best place to find images that are free of copyright restrictions)
- [Dezeen \(Links to an external site.\)](#)
- [Arch Daily \(Links to an external site.\)](#)
- [ARCHITECT Magazine \(Links to an external site.\)](#)
- [Metropolis Magazine \(Links to an external site.\)](#)
- [Inhabitat \(Links to an external site.\)](#)
- [Architectural Record \(Links to an external site.\)](#)
- [BLDGblog \(Links to an external site.\)](#)
- [Architizer \(Links to an external site.\)](#)
- [Designboom Magazine\(Links to an external site.\)](#)