

...what is **Design Research**?

Design Research

de·sign (d-zn)

v. **de·signed**, **de·sign·ing**, **de·signs**

1. a. To conceive or fashion in the mind; invent. **b.** To formulate a plan for; devise.

2. To plan out in systematic, usually graphic form.

3. To create or contrive for a particular purpose or effect.

4. To have as a goal or purpose; intend.

5. To create or execute in an artistic or highly skilled manner.

n.

1. a. A drawing or sketch. **b.** A graphic representation, especially a detailed plan for construction or manufacture.

2. The purposeful or inventive arrangement of parts or details..

3. The art or practice of designing or making designs.

4. Something designed, especially a decorative or an artistic work.

5. An ornamental pattern.

6. A basic scheme or pattern that affects and controls function or development.

7. A plan; a project.

8. a. A reasoned purpose; an intent. **b.** Deliberate intention.

9. A secretive plot or scheme.

- *thefreedictionary.com*

Origins: mid-1500's, from Latin *de* – “out” + *signare* “to mark”

- *etymonline.com*

Design Research

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re·search (r-sûrch, rsûrch)

v. **re·searched**, **re·search·ing**, **re·search·es**

1. To study (something) thoroughly so as to present in a detailed, accurate manner.

2. To do research for.

n.

1. Scholarly or scientific investigation or inquiry.

2. Close, careful study.

- *thefreedictionary.com*

Origins: mid-1500's, "act of searching closely," from Middle French *recerche* (1530s), from Old French *recercher* "seek out, search closely," from *re-*, intensive prefix, + *cercher* "to seek for". Meaning "scientific inquiry" is first attested 1630s.

- *etymonline.com*

Design Research



RENAISSANCE

(15th-17th Century)



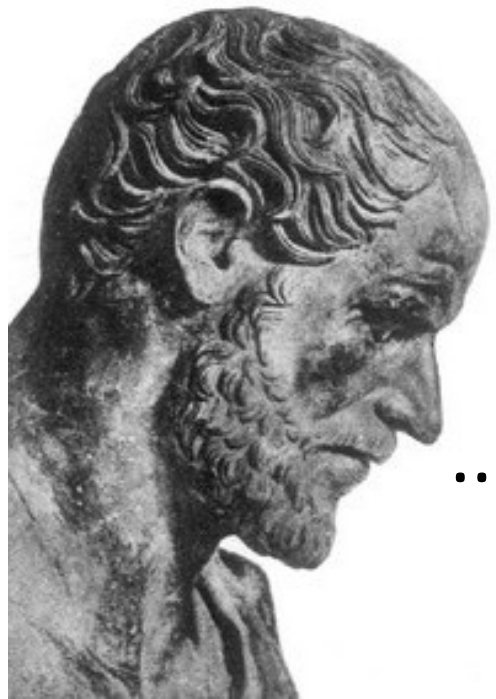
Rediscovery of Greek classical texts

Aristotle (348 – 322 BC)



RENAISSANCE

(15th-17th Century)



(CREATING)
poeisis

(DOING) (THINKING)
praxis | theoria

.....

Rediscovery of Greek classical texts

Aristotle (348 – 322 BC)



RENAISSANCE

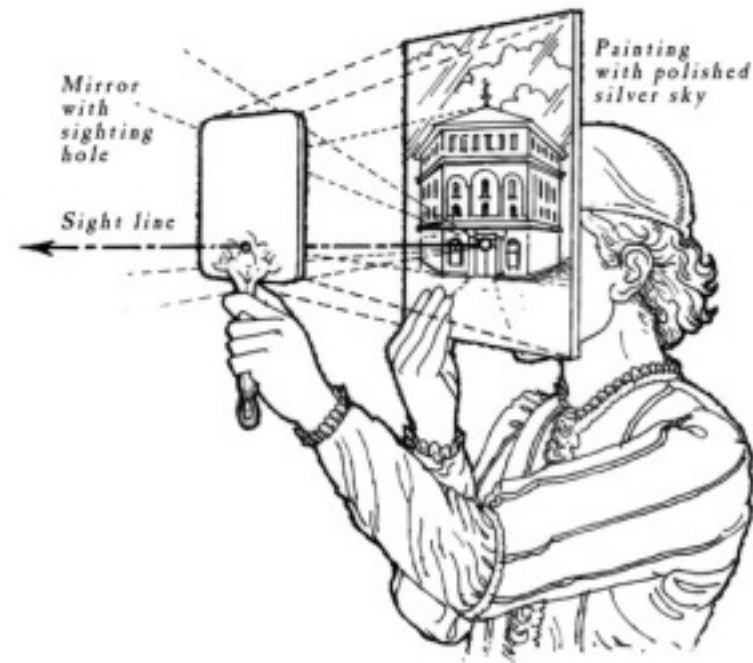
(15th-17th Century)





Rediscovery of Greek classical texts

Aristotle (348 – 322 BC)



(Re)discovery of perspective

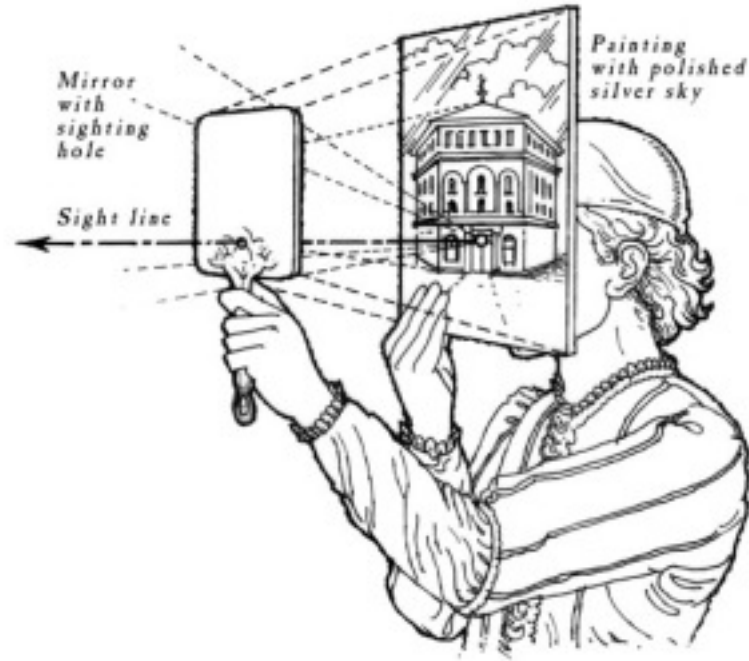
Brunelleschi (1387– 1446)

RENAISSANCE

(15th-17th Century)



Rediscovery of Greek classical texts
Aristotle (348 – 322 BC)



(Re)discovery of perspective
Brunelleschi (1387– 1446)

Knowledge through
experience

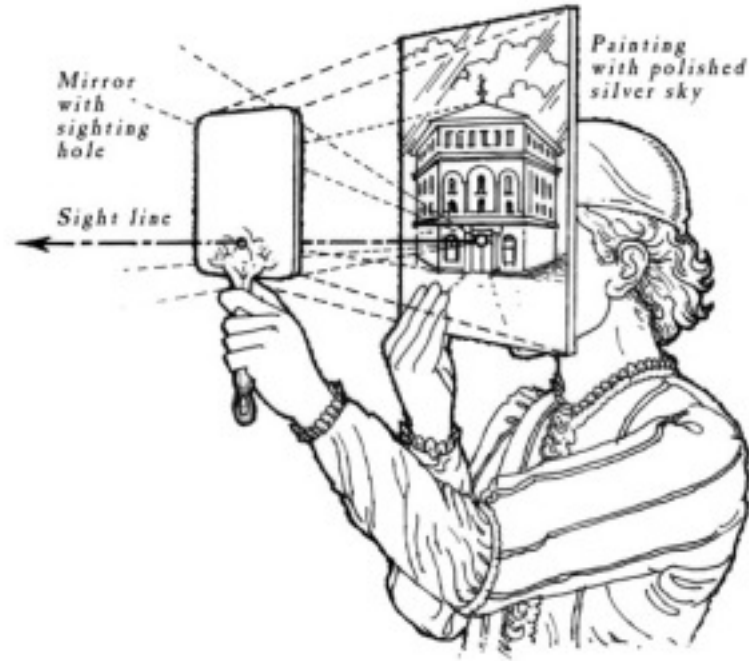


Birth of scientific (empirical) method
Francis Bacon (1561– 1626)

RENAISSANCE
(15th-17th Century)



Rediscovery of Greek classical texts
Aristotle (348 – 322 BC)



(Re)discovery of perspective
Brunelleschi (1387– 1446)



**Foundation of modern western
(dualist) philosophy**
Rene Descartes (1590– 1650)



Birth of scientific (empirical) method
Francis Bacon (1561– 1626)

RENAISSANCE
(15th-17th Century)

Design Research

RENAISSANCE

(15th-17th Century)

things
spaces
buildings
experiences

← ACT OF DEVISING
(WITH PURPOSE)

Design | **Research**

things
spaces
buildings
experiences

← **ACT OF DEVISING**
(WITH PURPOSE)

Design Research

ACT OF SEEKING
→
(WITH RIGOUR)

knowledge
theories
information
data

PRACTICE

praxis(?)

PARADOX

THEORY

theoria(?)

things
spaces
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Design Research

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POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM

(20th Century)

Design Research



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM

(20th Century)



“Reality is mobile.
There do not exist *things* made, but only things in the making,
not *states* that remain fixed, but only states in process of change.”



Henri Bergson
(1859-1941)

duration, intuition, creative impulse



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM
(20th Century)

“An interval must separate the present from what it is not in order for the present to be itself
but this interval that constitutes it as present must, by the same token, divide the present in and of itself ...
In constituting itself, in dividing itself dynamically, this interval is what might be called spacing,
the becoming-space of time or the becoming-time of space (*temporization*).
And it is this constitution of the present ...
that I propose to call archi-writing, archi-trace, or *differance*.
Which is simultaneously spacing and temporization.”

Jacques Derrida

(1930-2004)

deconstruction, differance



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM

(20th Century)

“The conditions of a true critique and a true creation are the same:
the destruction of an image of thought which presupposes itself
and the genesis of the **act of thinking** in thought itself.”



Gilles Deleuze
(1925-1995)

transcendental empiricism, pluralism=monism, fold, process, becoming



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM
(20th Century)

“How to *think* architecture differently?
How to think *in* architecture or *of* architecture, without conforming to the standard assumptions, the doxa...
... to think while making or rather while doing:
to think *as* doing.”

Architecture from the Outside: Essays on Virtual and Real Space
Elizabeth Grosz, 2001



CURRENT DISCOURSE on THEORY&PRACTICE
(21st Century)



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM
(20th Century)

“Design is a way of inquiring, a way of producing knowing and knowledge;
this means it is **a way of researching.**”

Design Research

Peter Downton (2003)



CURRENT DISCOURSE on THEORY&PRACTICE

(21st Century)



POSTMODERNISM, POST-STRUCTURALISM, DECONSTRUCTIVISM

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Design Research

Research Design





the *dynamic* 'between'

Research *for* Design

Christopher Frayling (1993)

Research *about* Design

Christopher Frayling (1993)

Research *through* Design

Christopher Frayling (1993)

PRACTICE

praxis(?)

poeisis

(the creative act)

THEORY

theoria(?)

Research *through* Design

poeisis
(the creative act)

through
between
outside
third space
becoming
interrelated
dynamic

