

Slide1

ALT-C 2009

'In dreams begins responsibility': choice, evidence, and change

Working with Wonder for Wonderful Learning

Boxes of Learning Delight and Cabinets of Curiosities

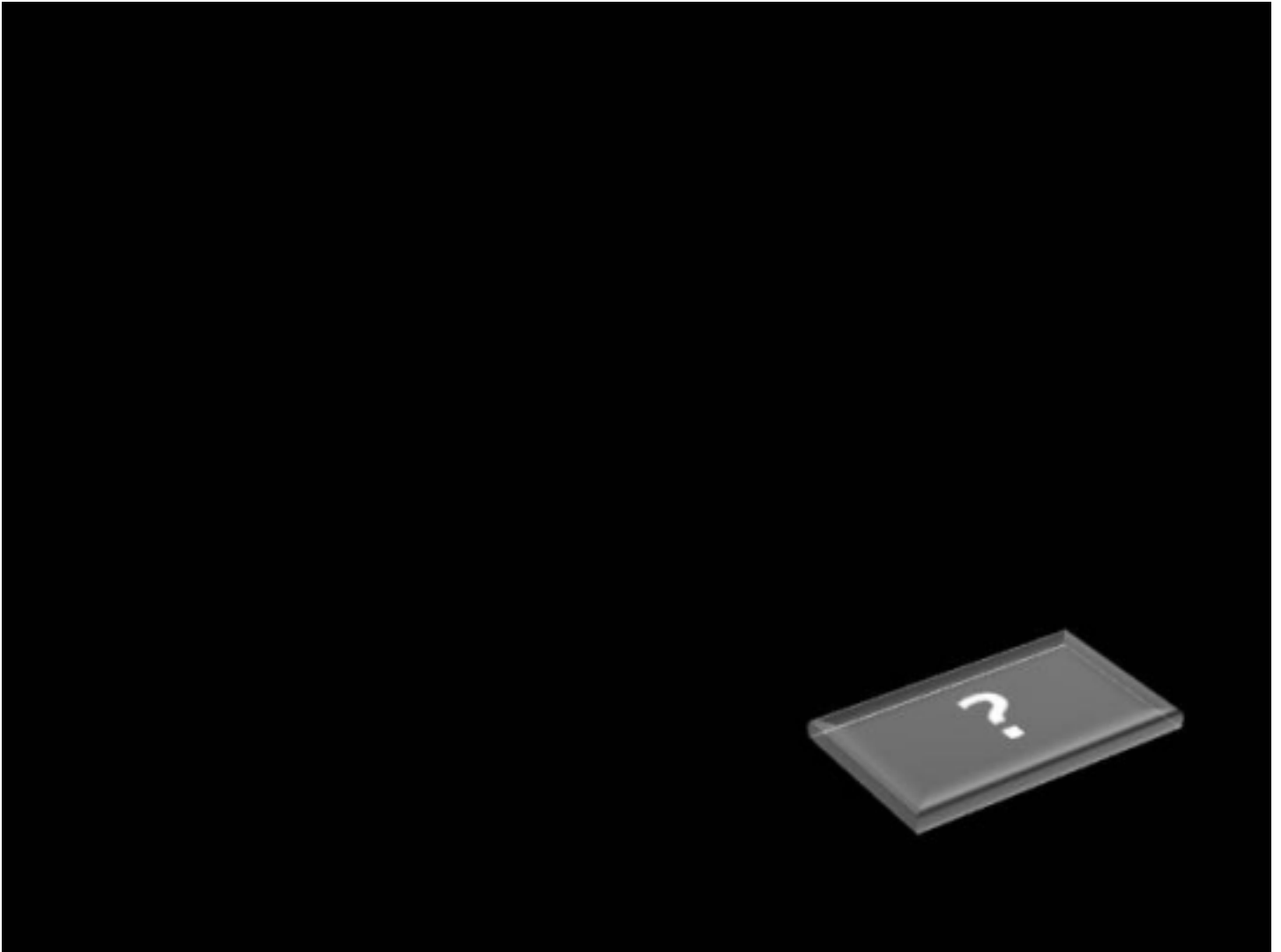
'This is magic. Not magic as trickery or deceit, but magic in the unravelling and enjoyment of mysteries and the growing and maintaining of wonder...'

Ranulph Glanville, 2001

Matthew McFall, Learning Sciences Research Institute, University of Nottingham



Slide2



Slide3

Wo'nder

Etymologies

Old English *wundor*; Old Norse *undr* 'portent'
 Latin *portendere* to stretch

'Consensus' Definitions

n. 'The state of mind produced by something new, unexpected, or extraordinary...'
Chambers

Wonder
 Wondering
 Affect
 Cognition

n. 'emotion excited by what surpasses expectation or experience or seems inexplicable; surprise mingled with admiration or curiosity or bewilderment.'

v. 'be filled with wonder, feel surprise'

v. 'be curious, desire, to know.' *OED*

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Wo'nder

Literatures

... *The Emerald Tablet*...Hero of Alexandria...Plato... Aristotle...Gervaise of Tilbury...Descartes...Wilkins... Pestalozzi... Dodgson...Montessori... Steiner... Carson...Pask...Cobb... von Foerster...Hepburn... Opdal...Stafford and Terpak...Duckworth...Tomkins and Tunncliffe... Dyer...Gage...

Conceptions

'It's when something surprises you in a good way and you want to find out more'

'I think ants are wonderful because they live rich ingenious lives and their biomass is greater than the biomass of all other living things.'

Phenomenography;
Interview; Questionnaires;
Opportunism...

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Wo'nder

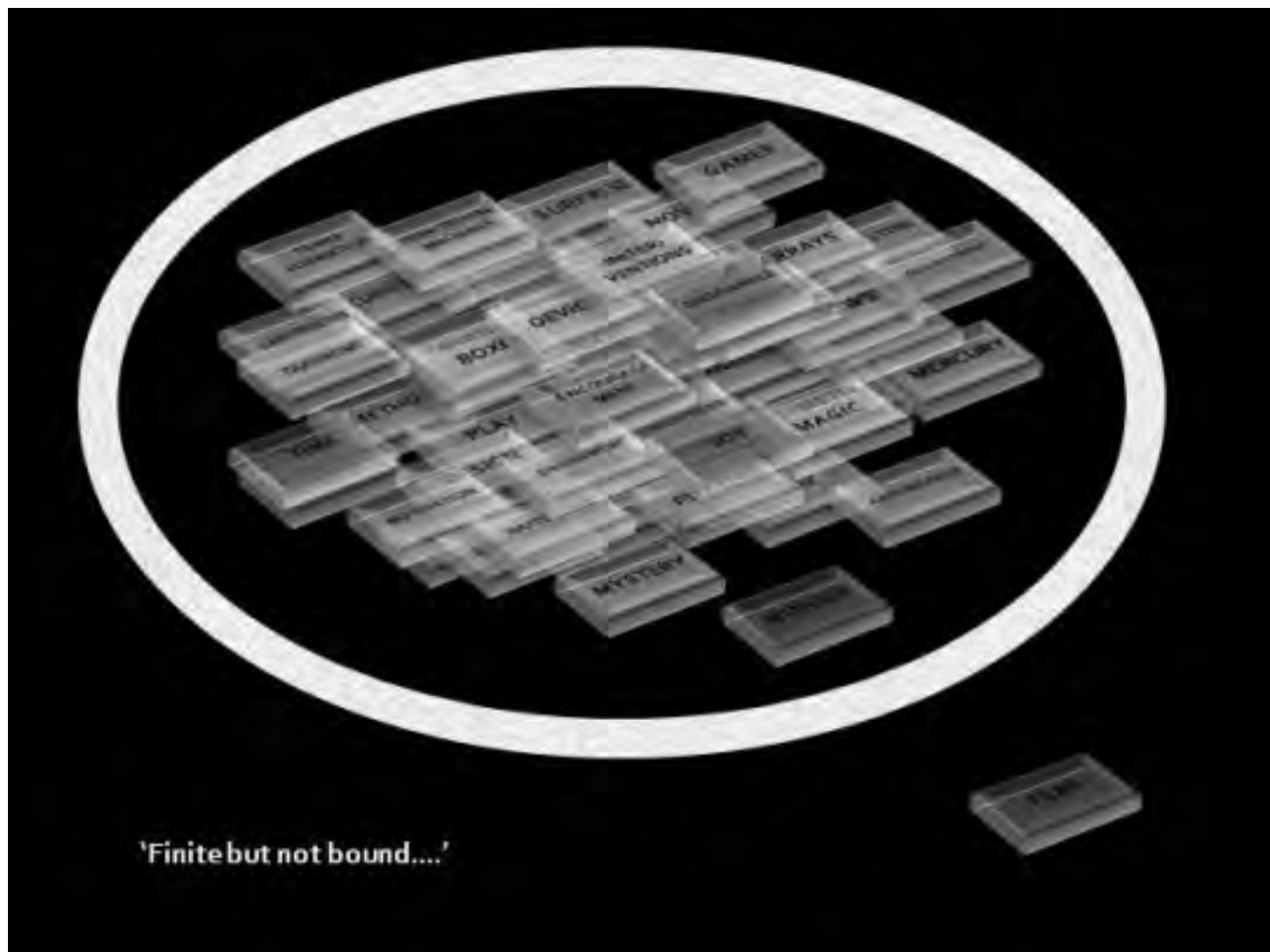
Constructions



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'Finite but not bound...'

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METIS	ENCOURAGEMENT	PLAY	SURPRISE	COLLECTING	EMERGENCE	NON-TRIVIAL MACHINES
CLEWS	TRANSFORMATION	MINDFULNESS	CHALLENGE	ARRAYS	EGGS	CHARTS
ANASCOPIY	TAXONOMY	PLOT	NOVELTY	CABINETS	MERCURY	PUZZLES
HERITAGE	INSTRUCTION	DESIGN	WONDER	BOXES	RIDDLES	MAGIC
CONCEPTIONS	WOW	FOCUS	MYSTERY	LABYRINTHS	MIRRORS	GAMES
METHOD	YUK	SHOWS	MIRTH	HAPPENINGS	FIRE	DEVICES
INTEREST	CURIOSITY	MOTIVATION	LEARNING	ENGAGEMENT	ENCHANTMENT	IN(TER)VENTIONS

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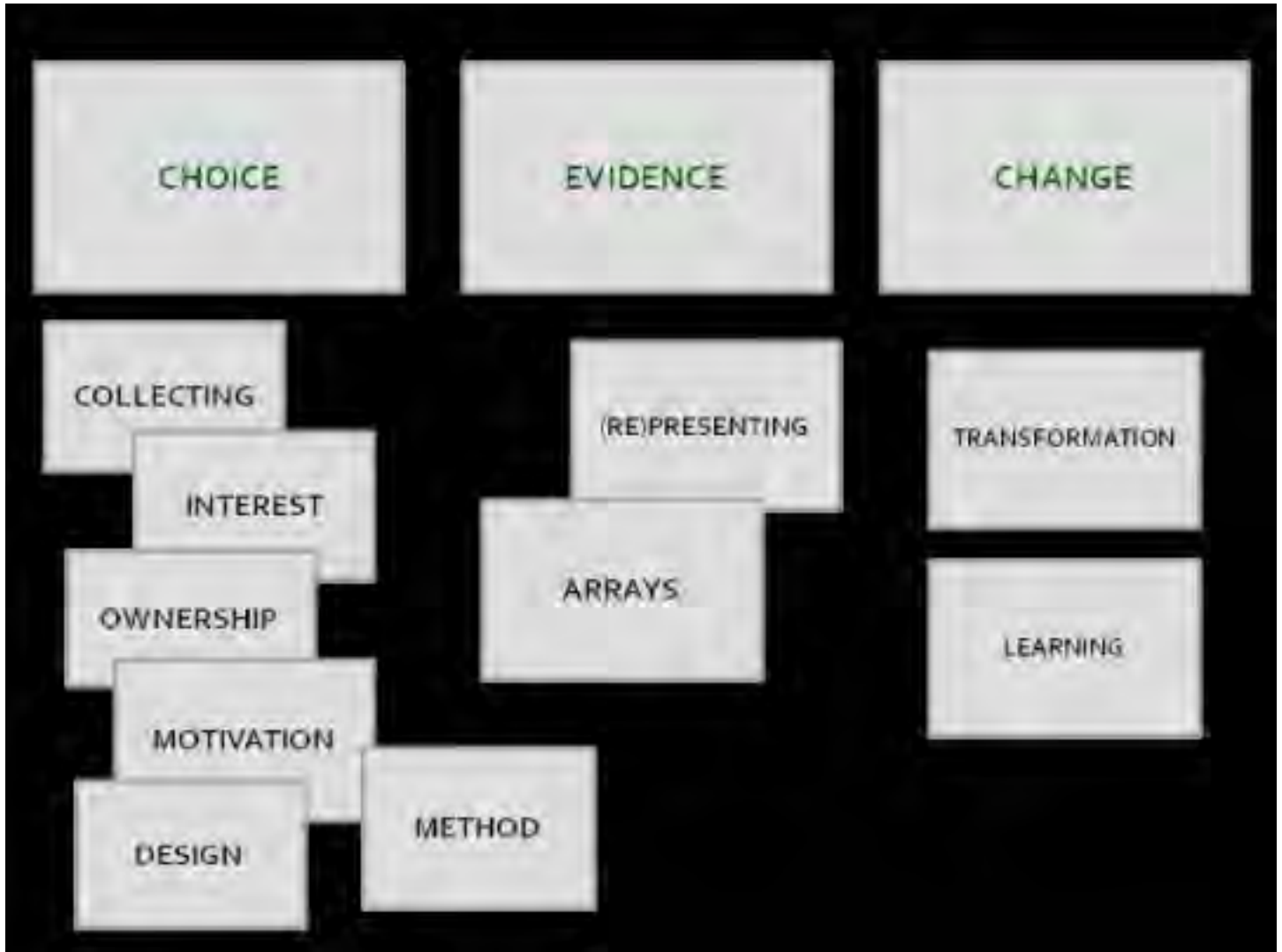


CHOICE

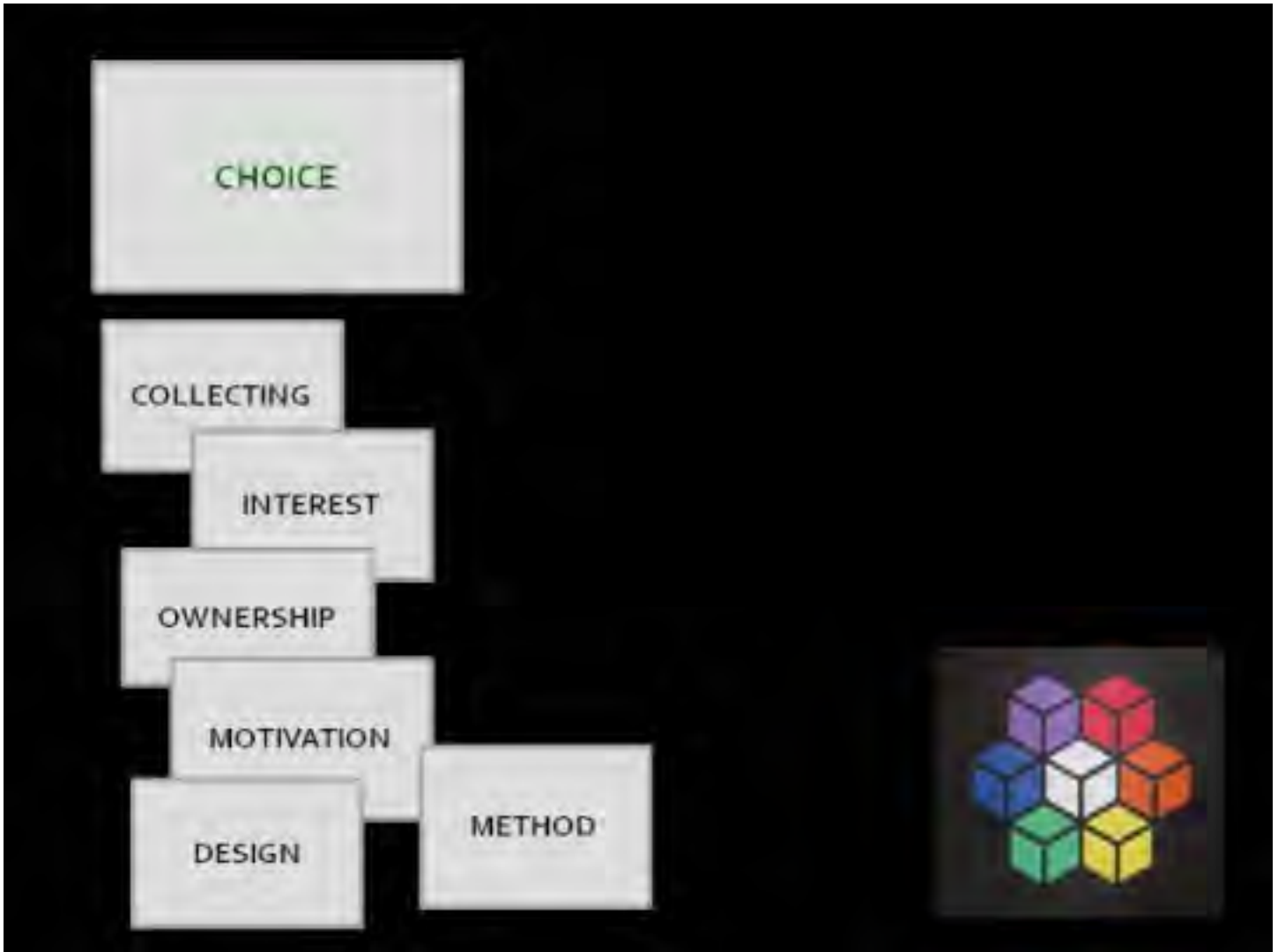
EVIDENCE

CHANGE

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Slide12



....cost effectiveness, utility, ease of use, robustness, interest, potency...

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Slide14



Frontispiece *Dell'istoria naturale* (1599)

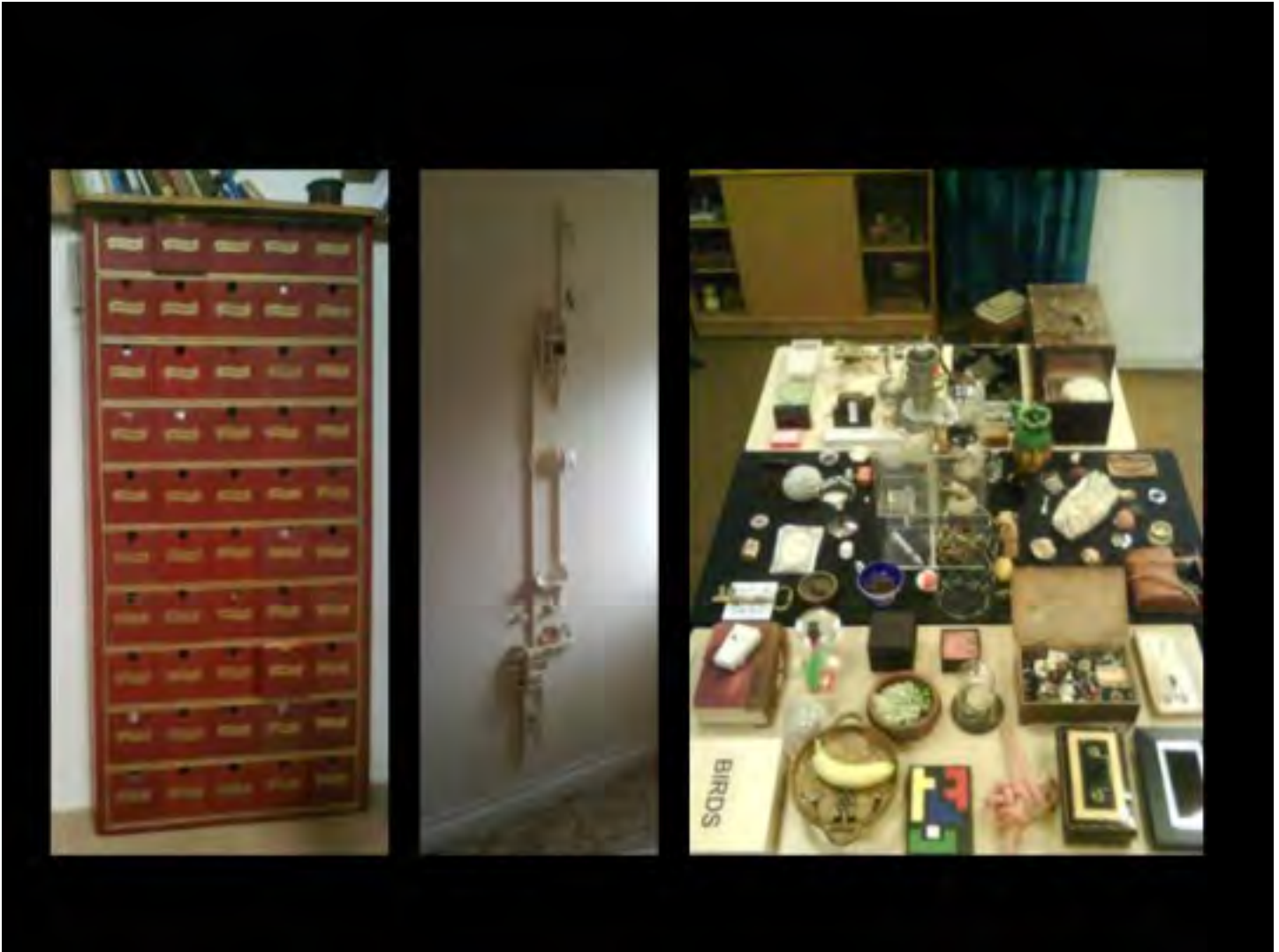
Ferrante Imperato, Naples

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Saint Jerome in his Study
Antonello da Messina c.1475
c.344-420.
Patron saint of archivists,
librarians, and students.

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BLACK BOX: Ludic Conception-Collecting Device

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RED BOX:

Collecting
Nets
Mystery Focus
Show-and-Tell
Speed Object Lesson

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ORANGE BOX: Treasure Hunt
Scavenger Hunt

YELLOW BOX: Nature Table
Wonder Table

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GREENBOX: Happening

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BLUE BOX: Wonder Quest

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Wonder
WOLLATON HALL & PARK

Tuesday 31 June
2009

Be a wonderer and a wanderer for the day...
Seek, reveal, & celebrate the wonders of the Hall & Park!

You will be working in one of these Teams to complete quests...

BLASCHKA + CORVUS + HEATHCOAT + MERCURY + WILLOUGHBY

Each Team will have 3 Quests during the day; a different quest in the morning & afternoon plus a unique visit to the Hall's curiosities

In your Team you will investigate these Realms:

- ANIMALS & ECOSYSTEMS
- ARTISTRY & CREATIVITY
- DESIGN & ARCHITECTURE
- DEVICES & MACHINES
- TREES & PLANTS
- WONDER & CURIOSITY

If you find yourself wondering about something today, write your question or thoughts on **WONDER CARDS...** Share your wonderings with our panel of expert wonderers! Your questions and observations will feature in the **Afternoon Show.**

The final treat of the day – **THE AFTERNOON SHOW.** Share and swap the wonders we have found in our quests. With special visitors and a team of Wonder Experts!

WONDER WORK: Be a true Wonderer and help document the day's quests and encounters. Evidence and art generated today could be part of the School Wonder Event on 15 July!

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NEEDING WONDER? **ideas**

Here some thoughts on how you might generate wonder and wondering on your search. Can you think of any more strategies? Talk to Matthew...!

From time to time, you might hear a bell ring. When you notice the bell, stop what you are doing. Pay attention to your breathing. Whenever you are ready, continue with your Quest!

Look at things from a different angle

Count the seconds

SMILE!

Stretch

'Wonder' means many things. Different people experience wonder in different ways. Many agree that wonder has at least two faces. You can 'feel' wonder. You can wonder about excitement, surprise, curiosity, puzzlement, mystery - and more - and sometimes all rolled into one. You might feel it when you encounter new and intriguing things, or when you experience **Wondering...** Suddenly a question springs to mind: 'I wonder how my heart beats?' 'I wonder what fire is?' 'I wonder where my thoughts come from?' Wonder away... See if you can find an answer.

People talk of being 'filled' with Wonder

Wonder is when you can't believe your eyes

Wonder is finding the extra in the ordinary

Sometimes feeling wonder can lead us to wondering... sometimes wondering leads us to feel wonder... whether or not we find an answer to our question. ...

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INDIGO BOX: Construction

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WHITE BOX: THE SHOW

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TRANSFORMED SPACES

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INTERESTS

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INFORMATION

ARRAYS

Slide33



PRODUCTION

UNDERSTANDING

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TEACHING



LEARNING

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ACTIVITY

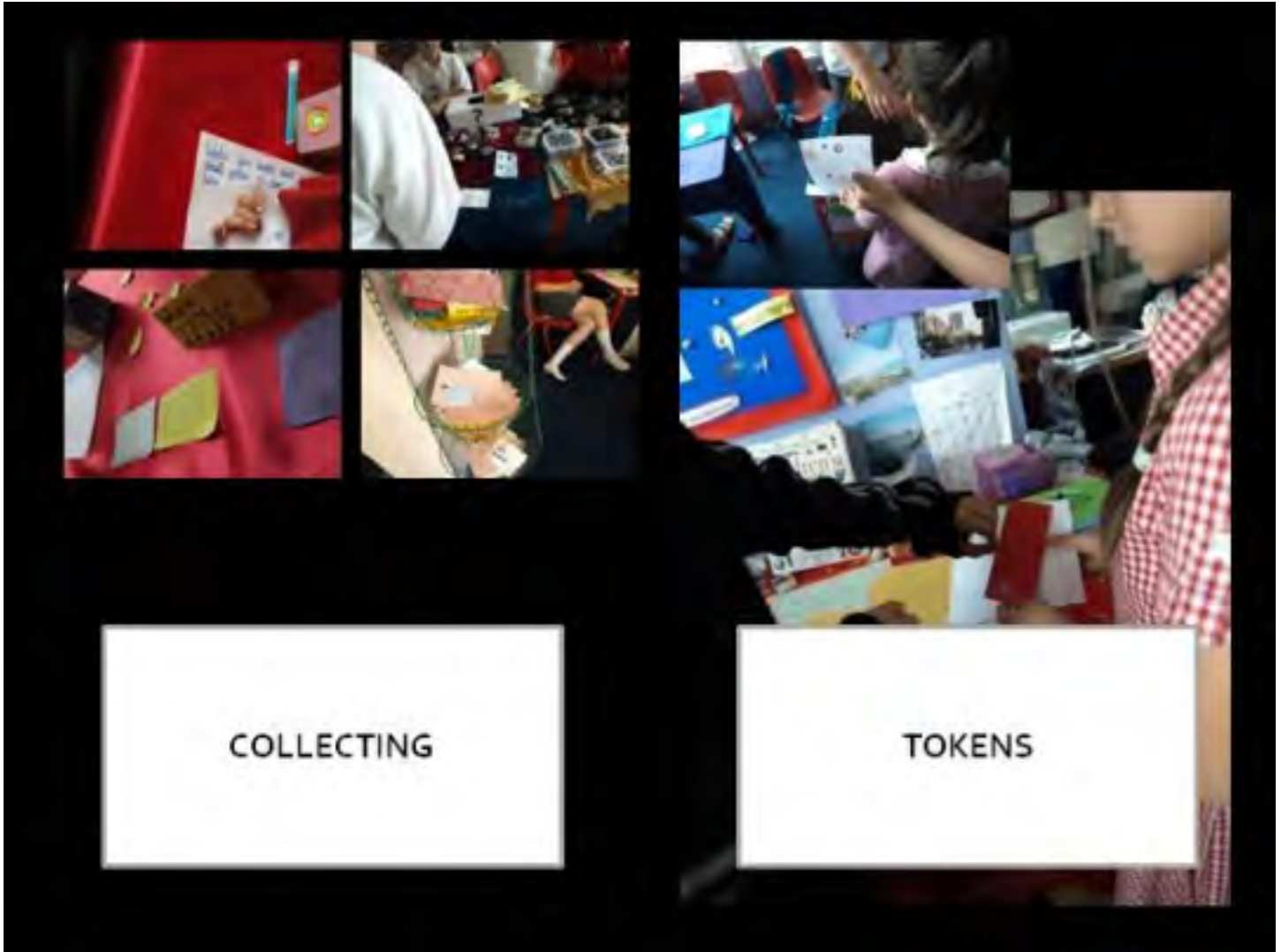
DYNAMICISM

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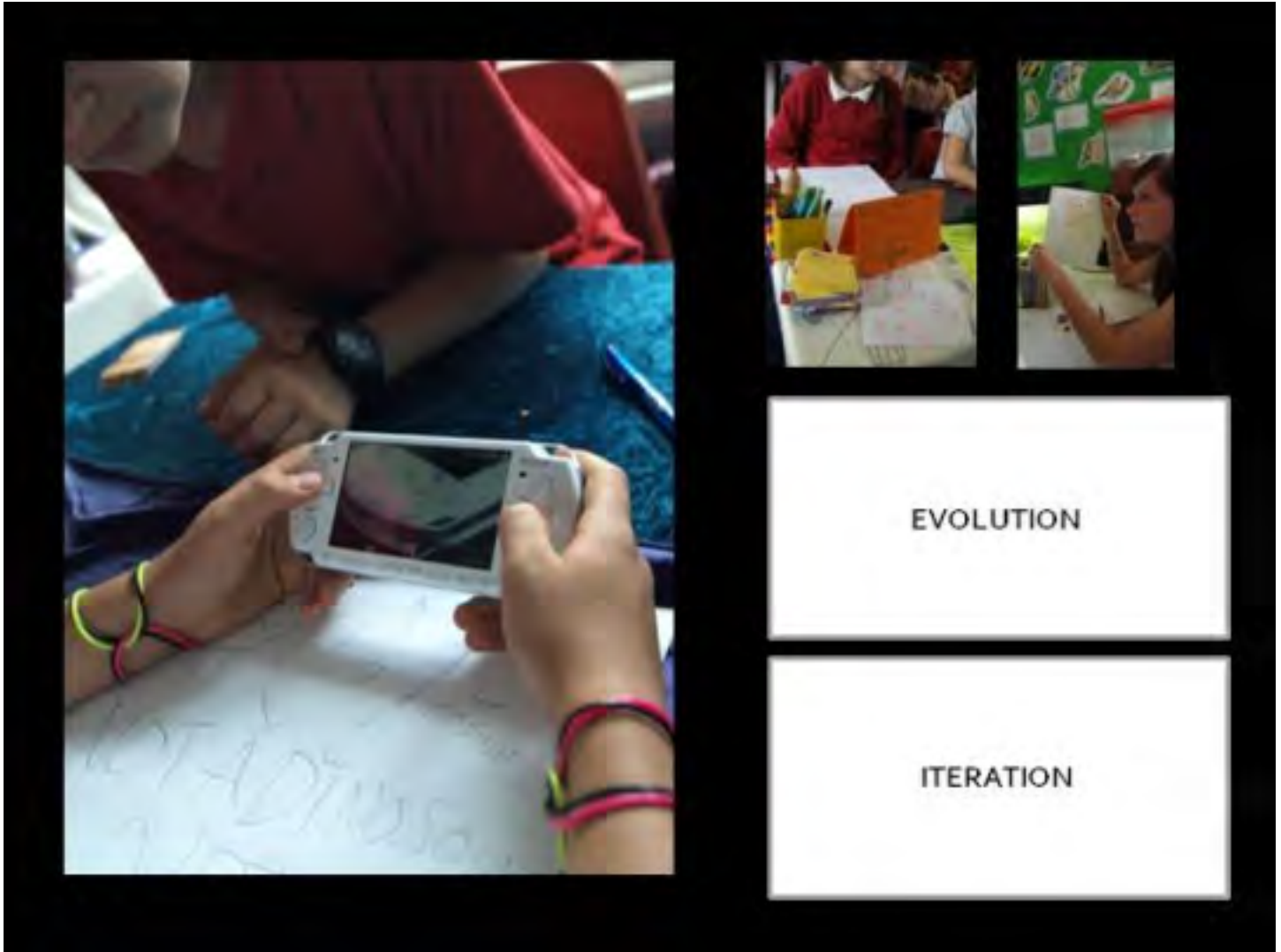


MANAGEMENT

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SPONTANEITY

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CURIOSITY

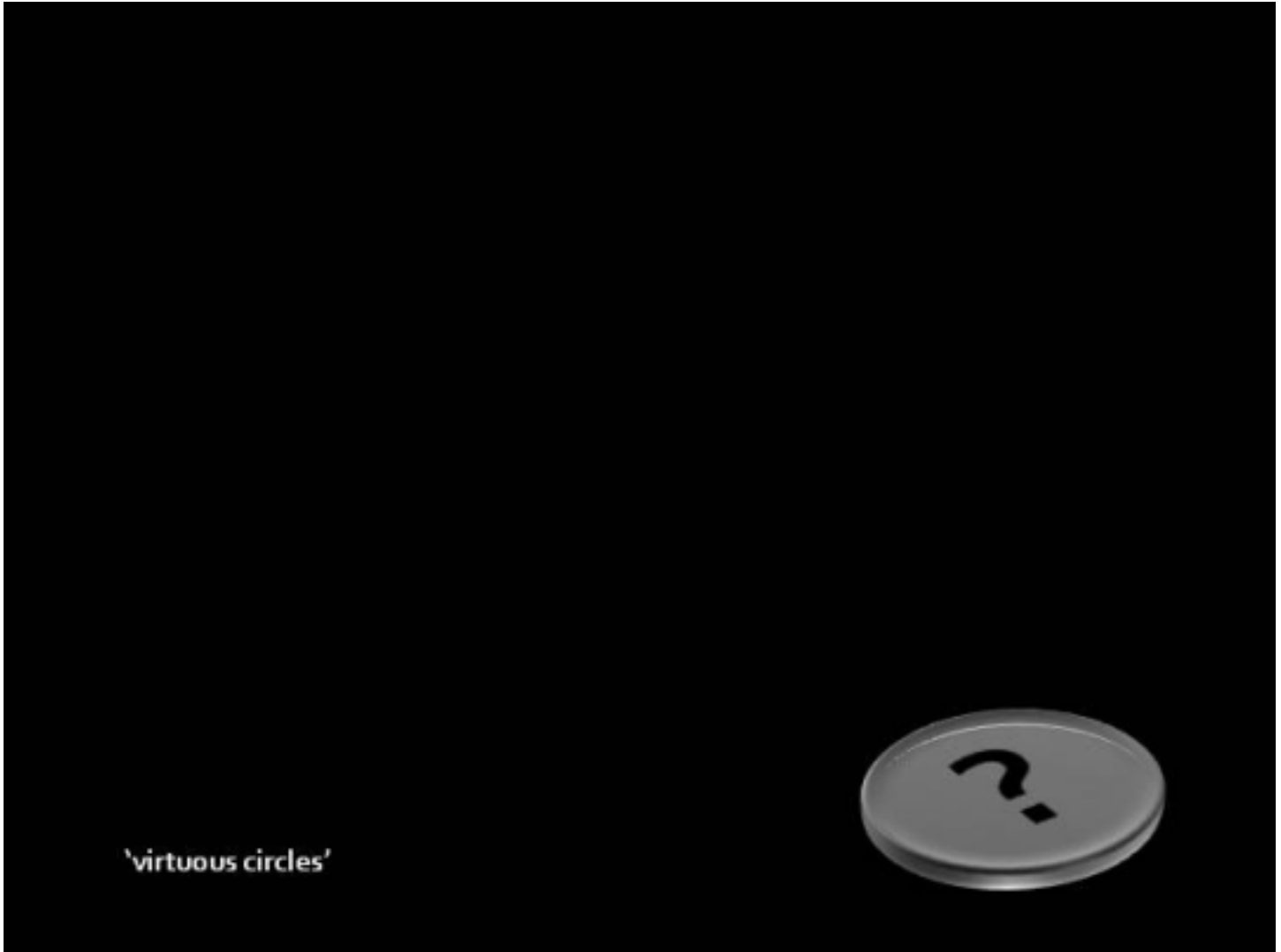


DELIGHT



FOCUS

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Wonder and Change
Magic and Change
Learning and Change
Transforming Spaces

CHANGE

TRANSFORMATION

LEARNING

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