

# MAKING THE SYSTEM SEE ITSELF

Participatory, feminist and visual  
approaches to data in higher education

LAURA KNIGHT

Coloniality refers to long-standing patterns of power that emerged as a result of colonialism, but that define culture, labor, intersubjective relations, and knowledge production well beyond the strict limits of colonial administrations

Nelson Maldonado-Torres, On the Coloniality of Being; Contributions to the development of a Concept. Cultural Studies Vol. 21, Nos. 2 3 March/May 2007, pp. 240 270

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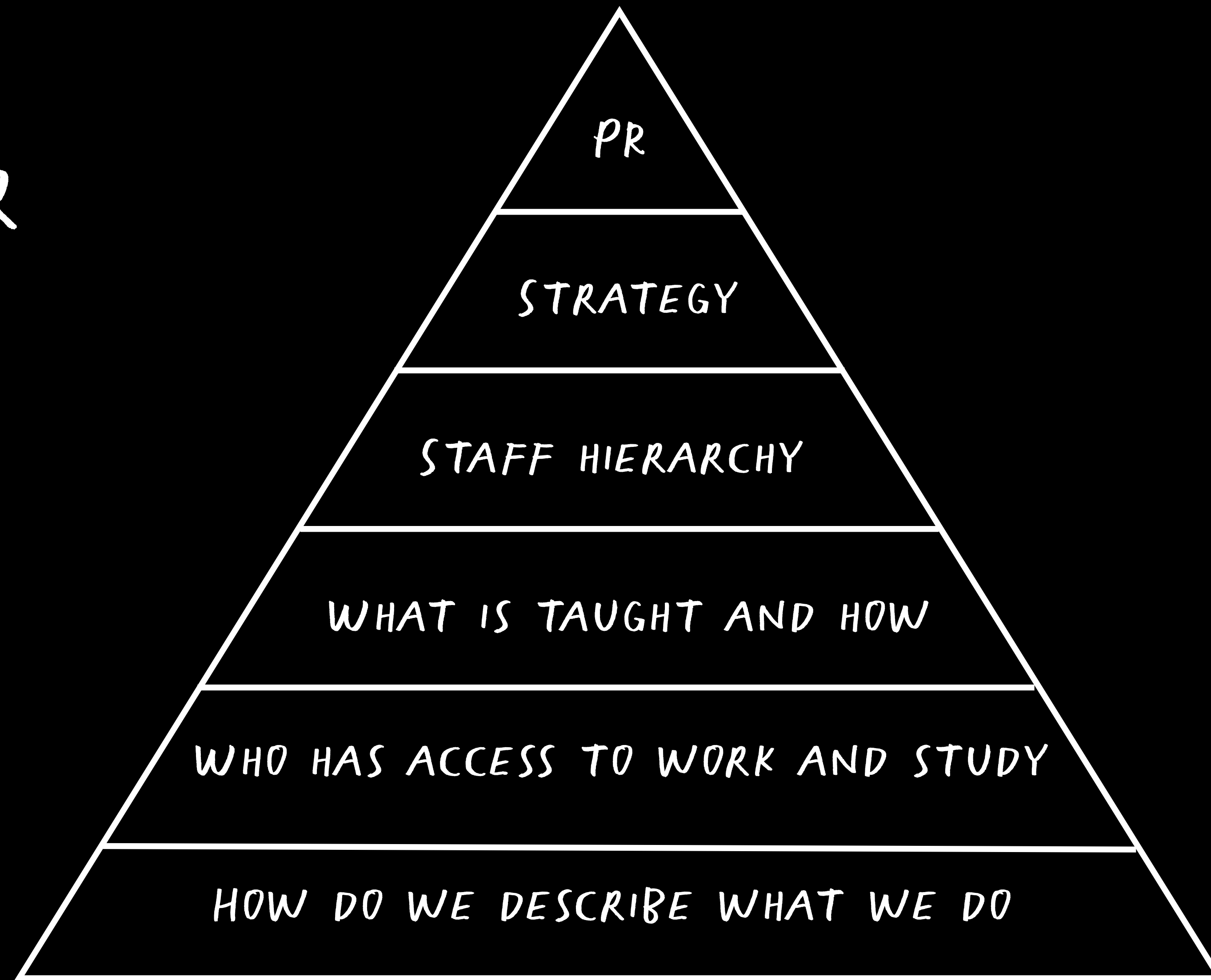
Examine Power  
Challenge Power  
Make Labour Visible

Catherine D'Ignazio & Lauren F. Klein (2020)  
What Gets Counted, Counts in Data Feminism, The MIT Press pp98

So many issues of structural inequality  
are problems of scale, and they can  
seem anecdotal until they are viewed  
as a whole

Catherine D'Ignazio & Lauren F. Klein (2020)  
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POWER





DATA?

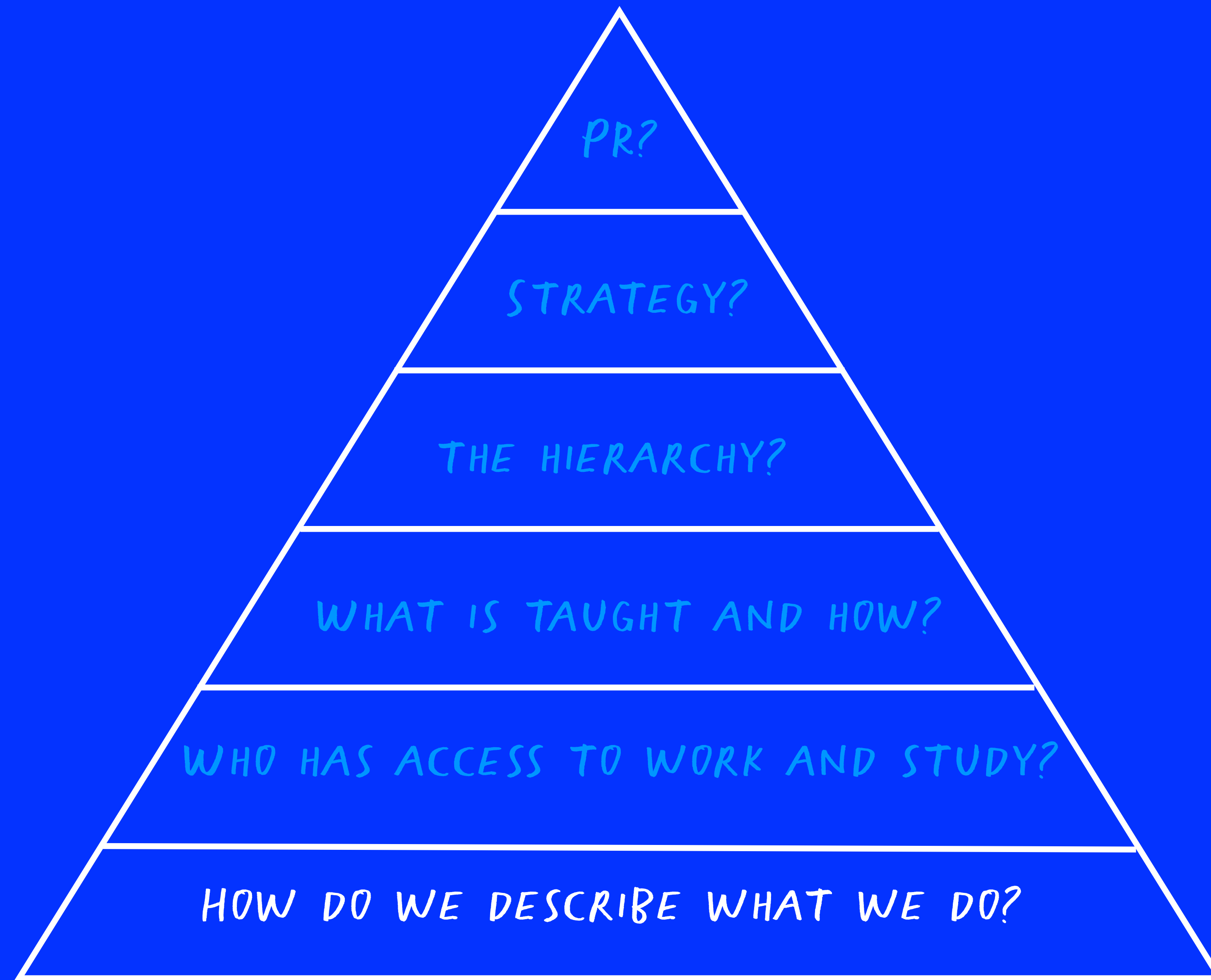


Data do not exist independently  
of the ideas, instruments, practices,  
contexts and knowledges used to  
generate, process and analyse them

Rob Kitchin (2014) The Data Revolution : Big Data, Open Data, Data  
Infrastructures and Their Consequences, SAGE Publications, Limited, London pp2



DATA?



**Communication**

**Design**

**Practice**

**Design**

**Graphic**

**Design**

**Practice**

**Skills**

**Communication**

**Design**

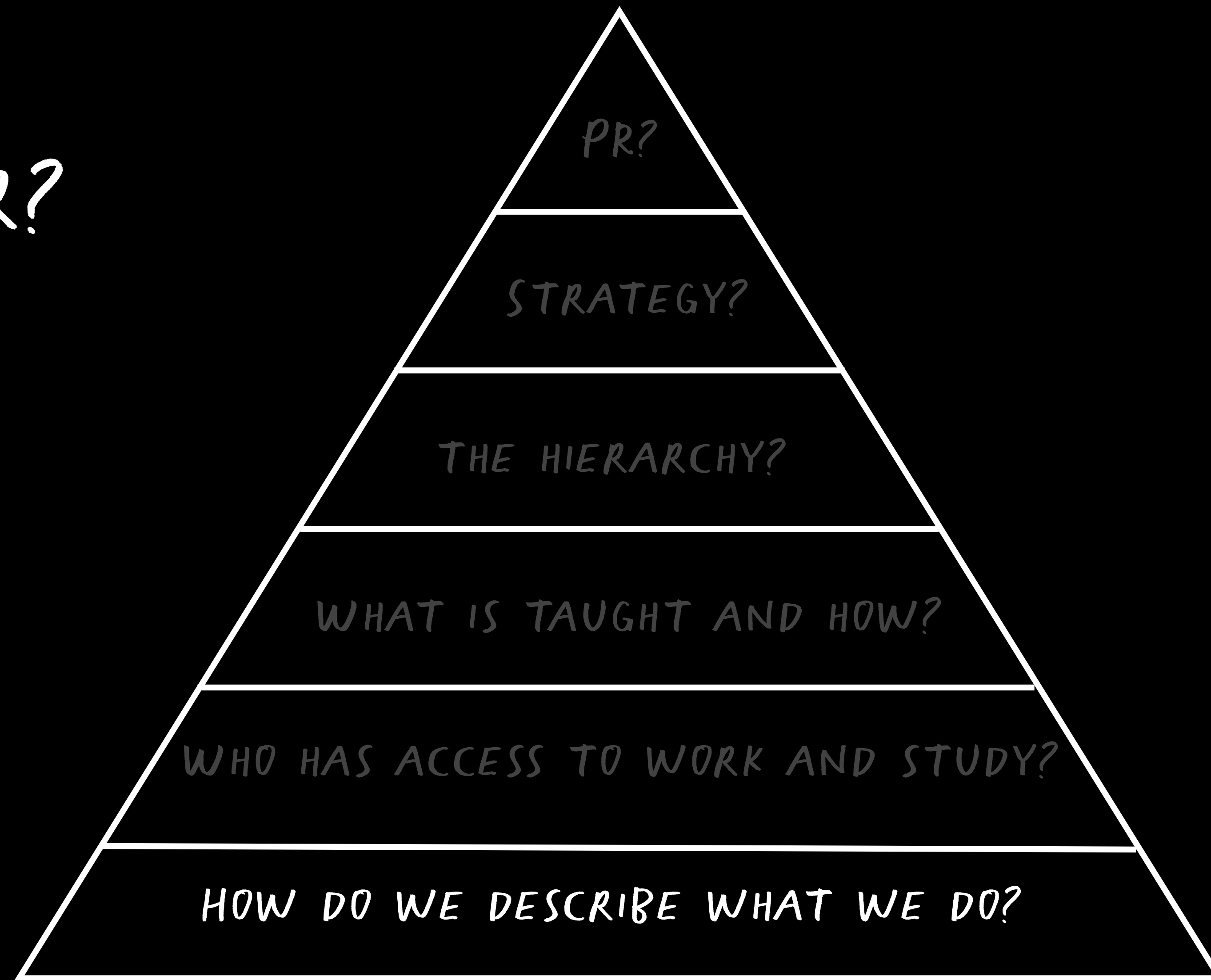
**Graphic**

**Skills**

# KEYWORDS

graphic (4), design (4), year (4), media (3), **skills** (3), **ideas** (3), new (3), technologies (3), work (3), **tutor** (3), **teaches** (2), communication (2), **confidence** (2), range (2), introduces (2), visual (2), briefs (2), **professional** (2), **theories** (2), develop (2), **portfolio** (2)

POWER?



# ANALYSIS

Very specific is the use of the word tutor who are 'specialists' 'subject-specialists' and 'the support that gives you the confidence to present your own ideas.' It is the only course to place this much emphasis on the role of the tutor and 'teaching.' The course teaches you, *through* the tutors

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# KEYWORDS

graphic (6) design (6), communication  
(4), community (3), practices (3), **course**  
(3), **contexts** (2), **bring** (2), **actively** (2),  
**discipline** (2), way (2), across (2), areas  
(2), practice (2), **focus** (2), **designer** (2)

# ANALYSIS

What is unique is the discussion of what students themselves bring; 'a diverse range of perspectives and approaches' and 'your own ways' of working, thinking and 'your own practice-based interests.' 'Actively' is used twice, both in terms of teaching and learning

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**Communication**

**Design**

**Practice**

**Design**

**Graphic**

**Design**

**Practice**

**Skills**

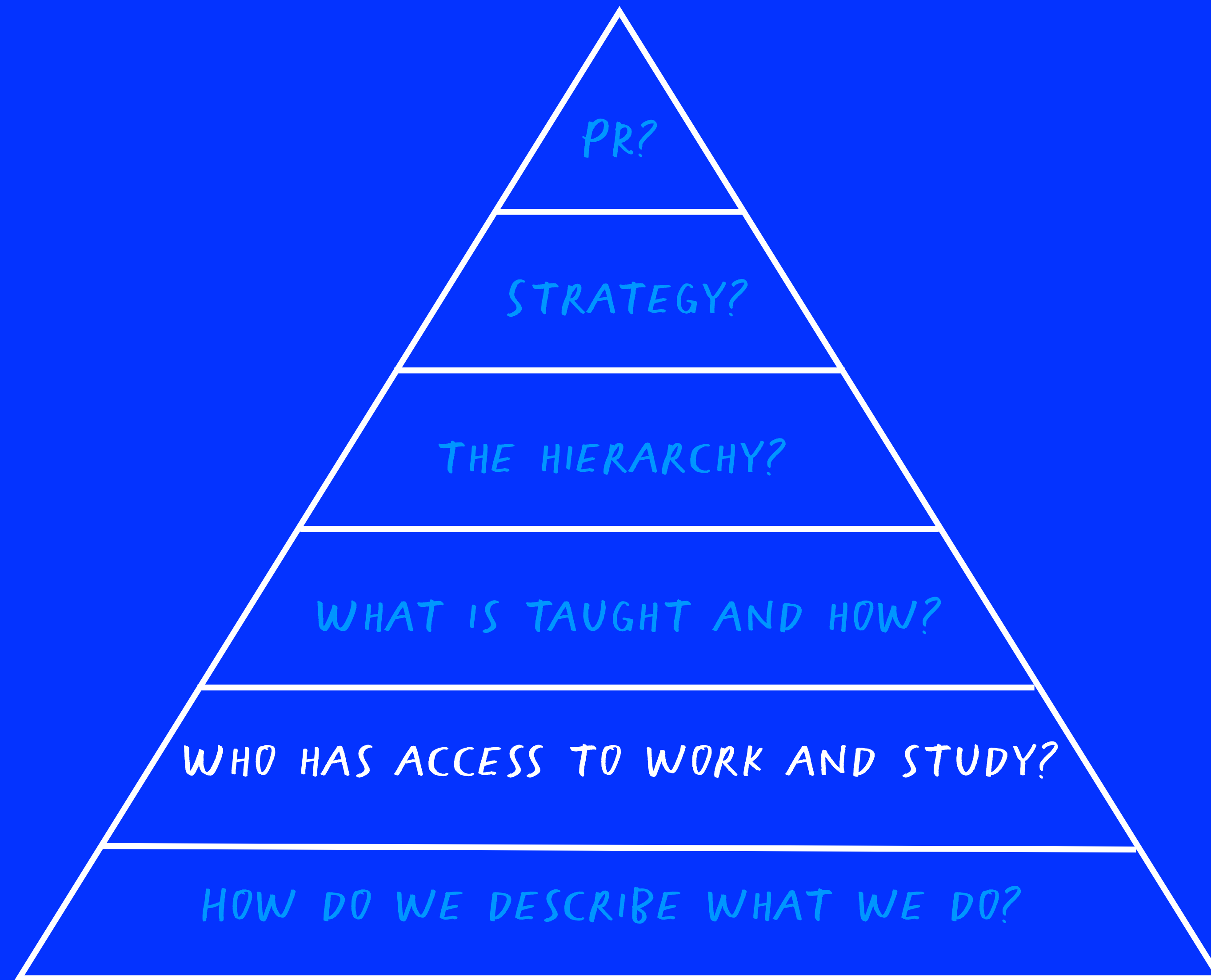
**Communication**

**Design**

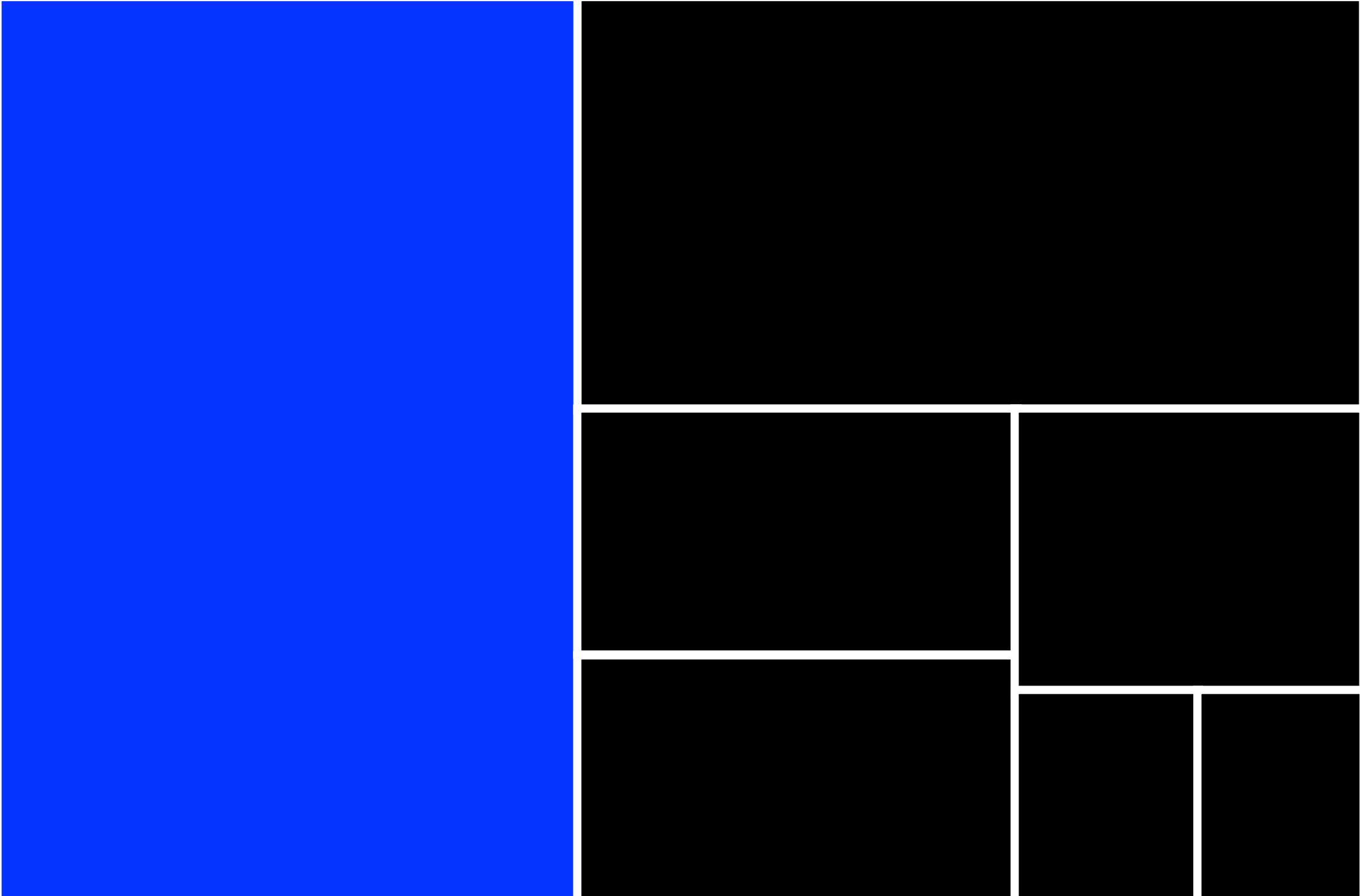
**Graphic**

**Skills**

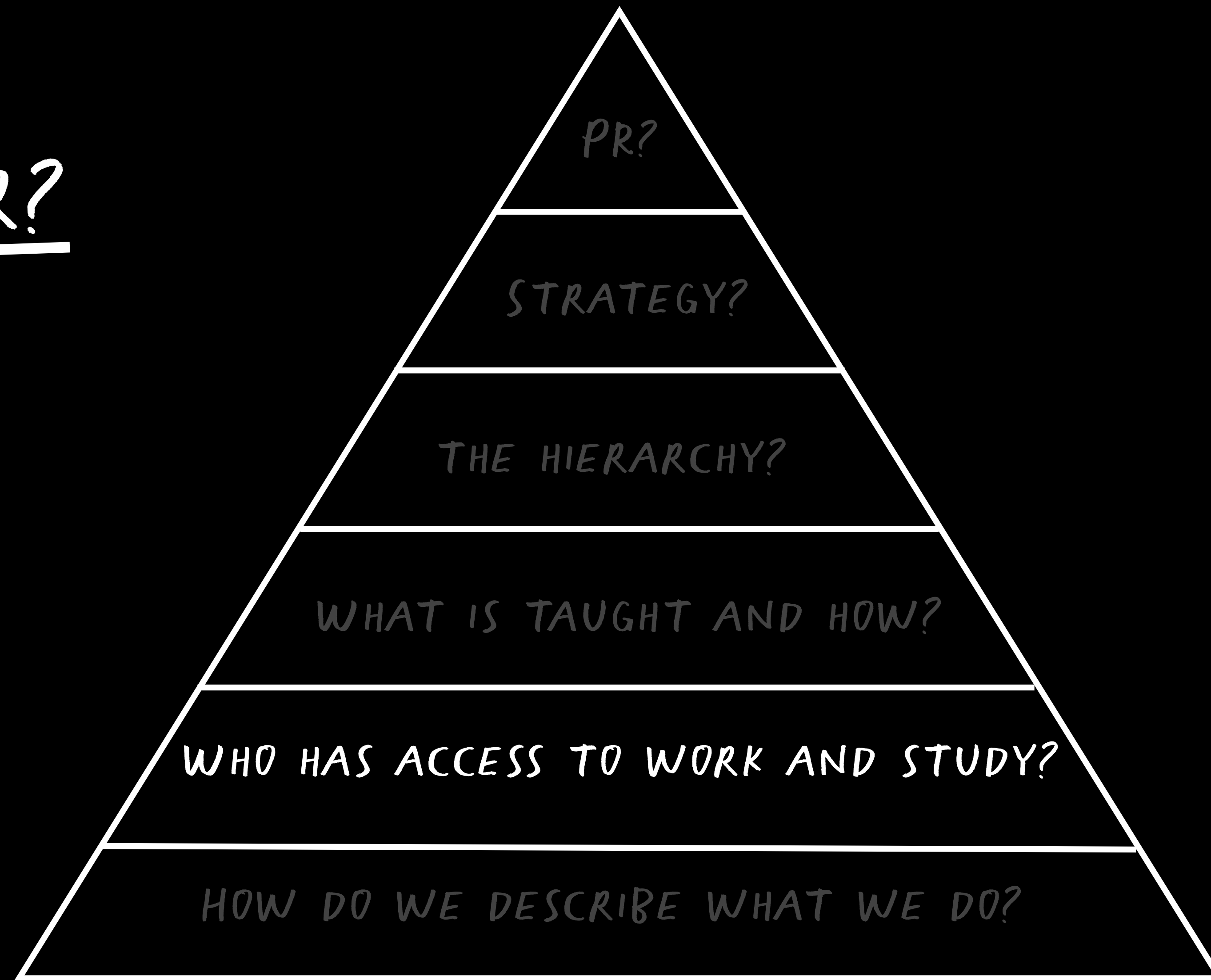
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SALARIED

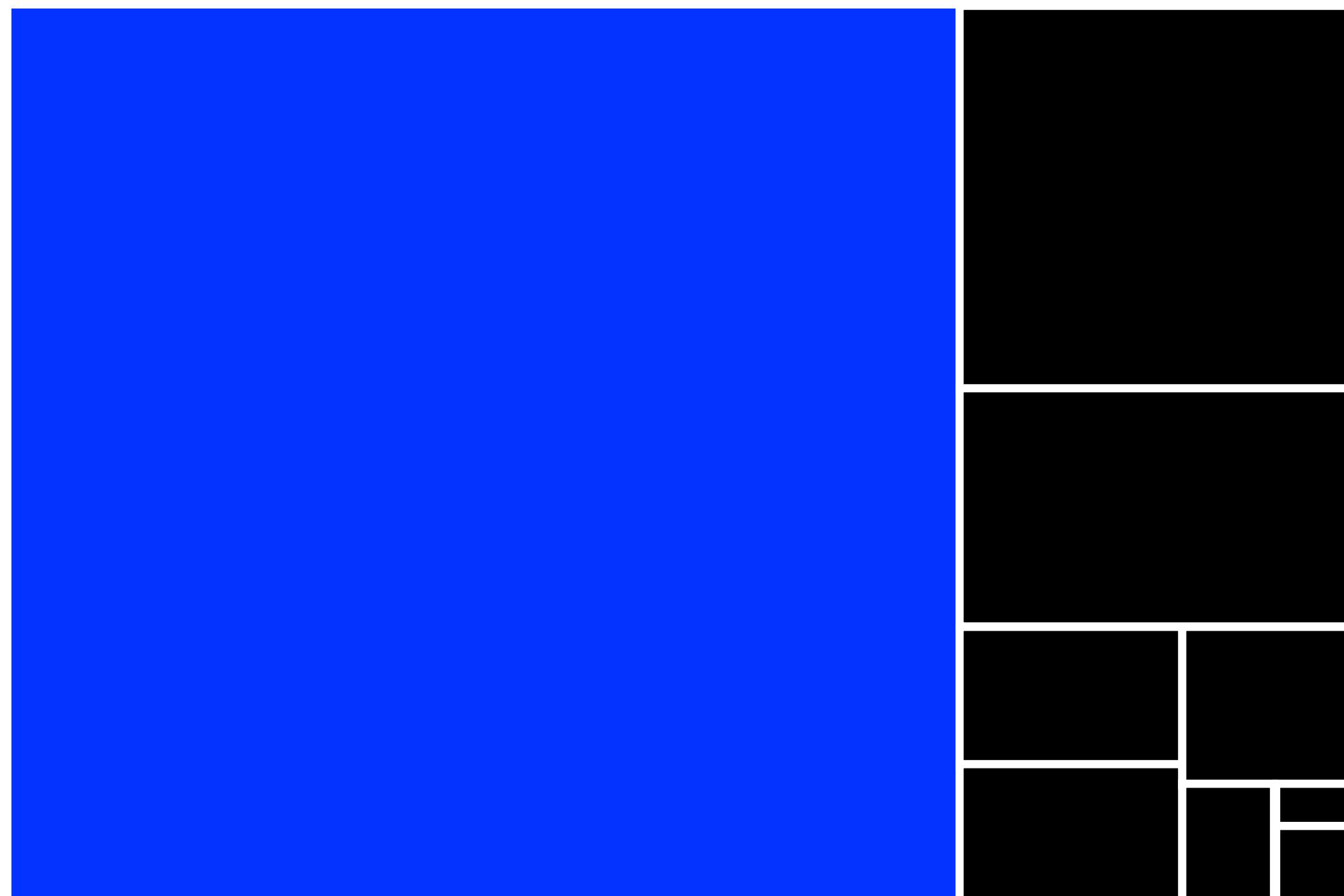


POWER?

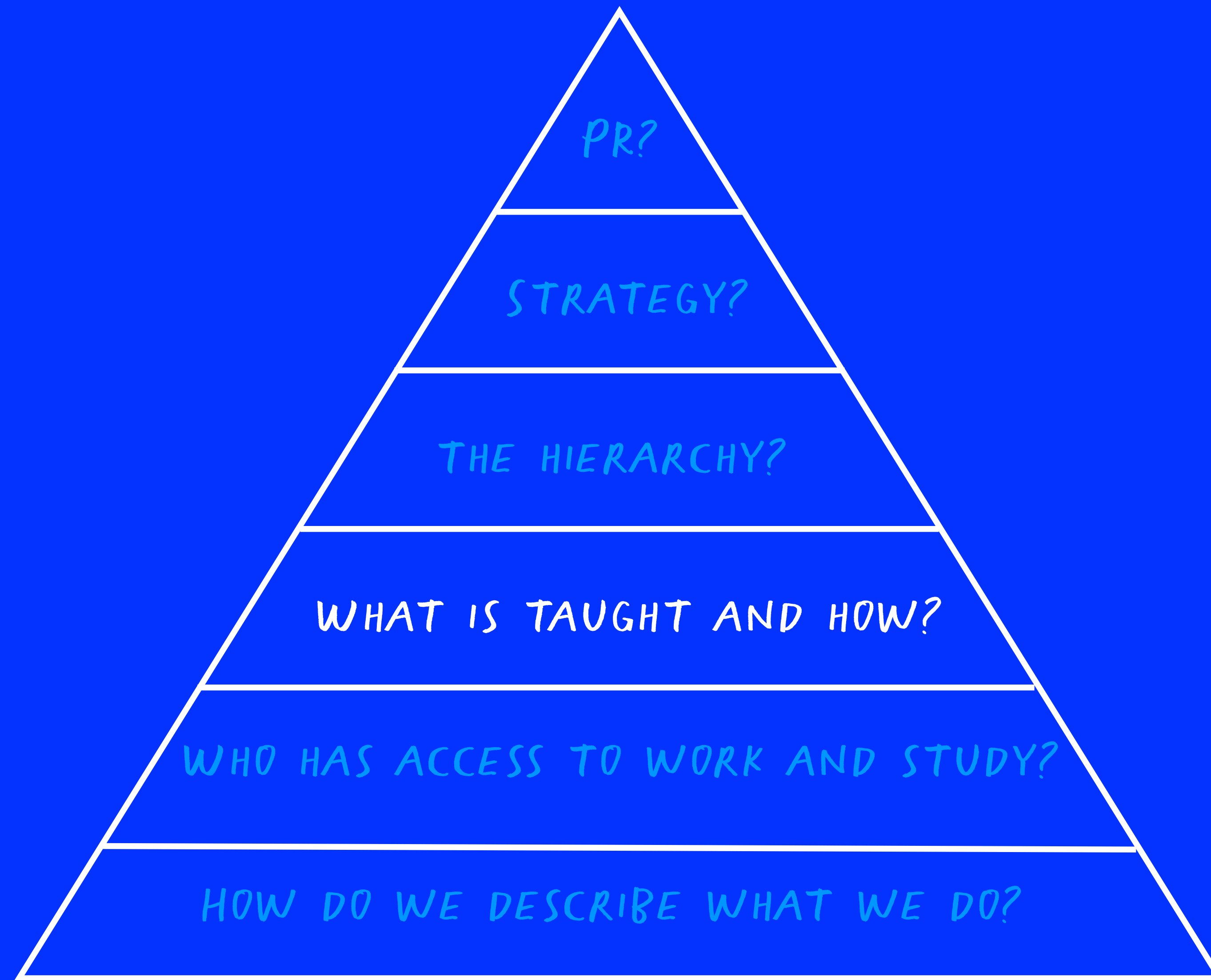




HOURLY



DATA?

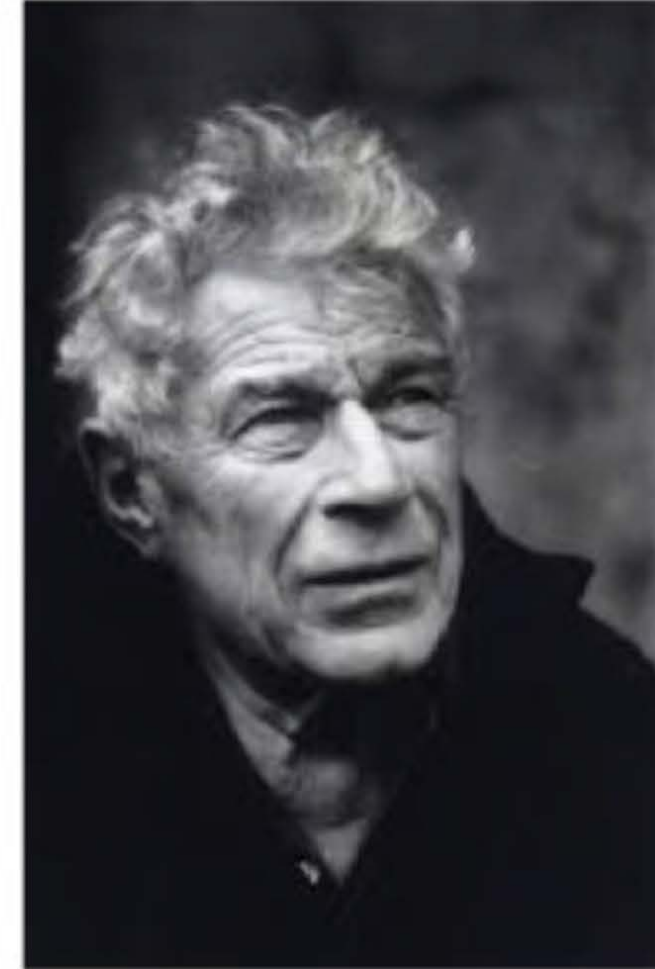
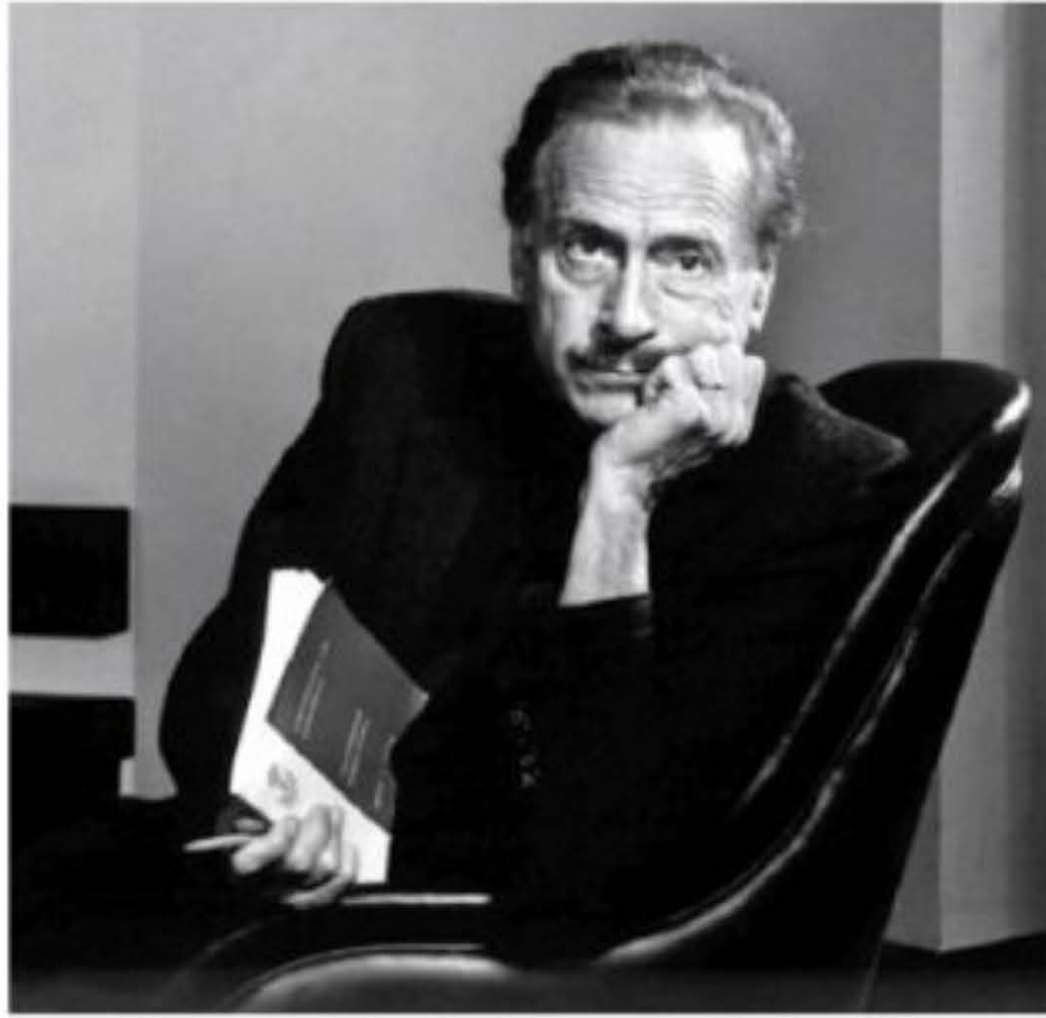


Coloniality survives colonialism. It is maintained alive in books, in the criteria for academic performance, in cultural patterns, in common sense, in the self-image of peoples, in aspirations of self, and so many other aspects of our modern experience

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## Book

Code 741.6092  
MUL

Year 2006

Title Josef Müller-Brockmann

Author Kerry William Purcell

## Designer

Name Josef Müller-Brockmann (1914-1996)

☒ M ☐ F ☐ -

### Keywords

Commercial art  
Switzerland/Graphic arts

### Place of birth

- ☐ Africa  
☐ Asia  
☐ The Caribbean  
☐ Central America  
☒ Switzerland  
☐ Europe (Switzerland)  
☐ North America  
☐ Oceania  
☐ South America

### Practice keywords

typist.  
Graphic designer  
Swiss international design.

☒ M ☐ F ☐ -



### Career

1900

1920

own studio

1936

1940

magazine

1958

1960

1900

1900

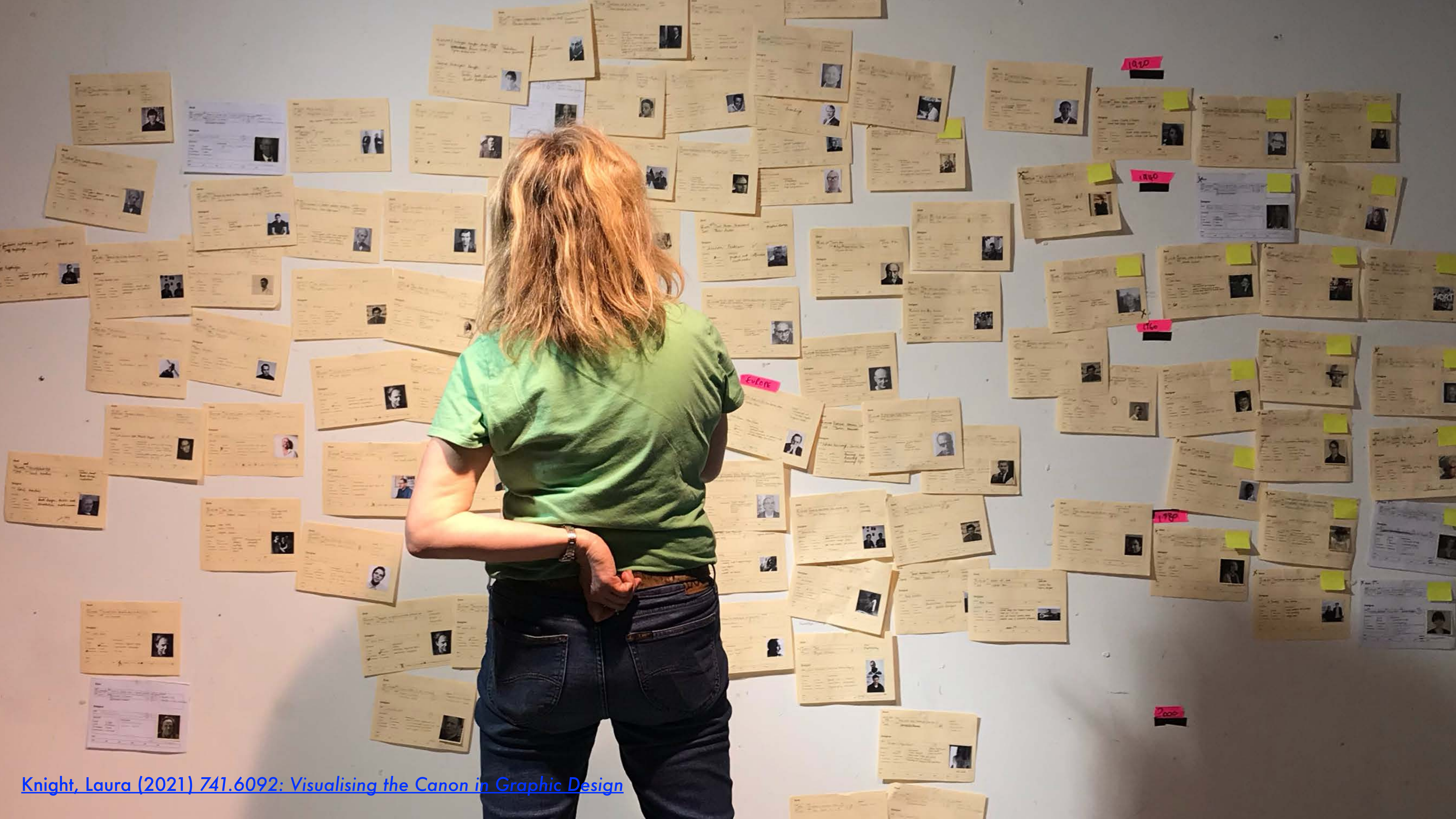
1980

2000

1996

1993-present

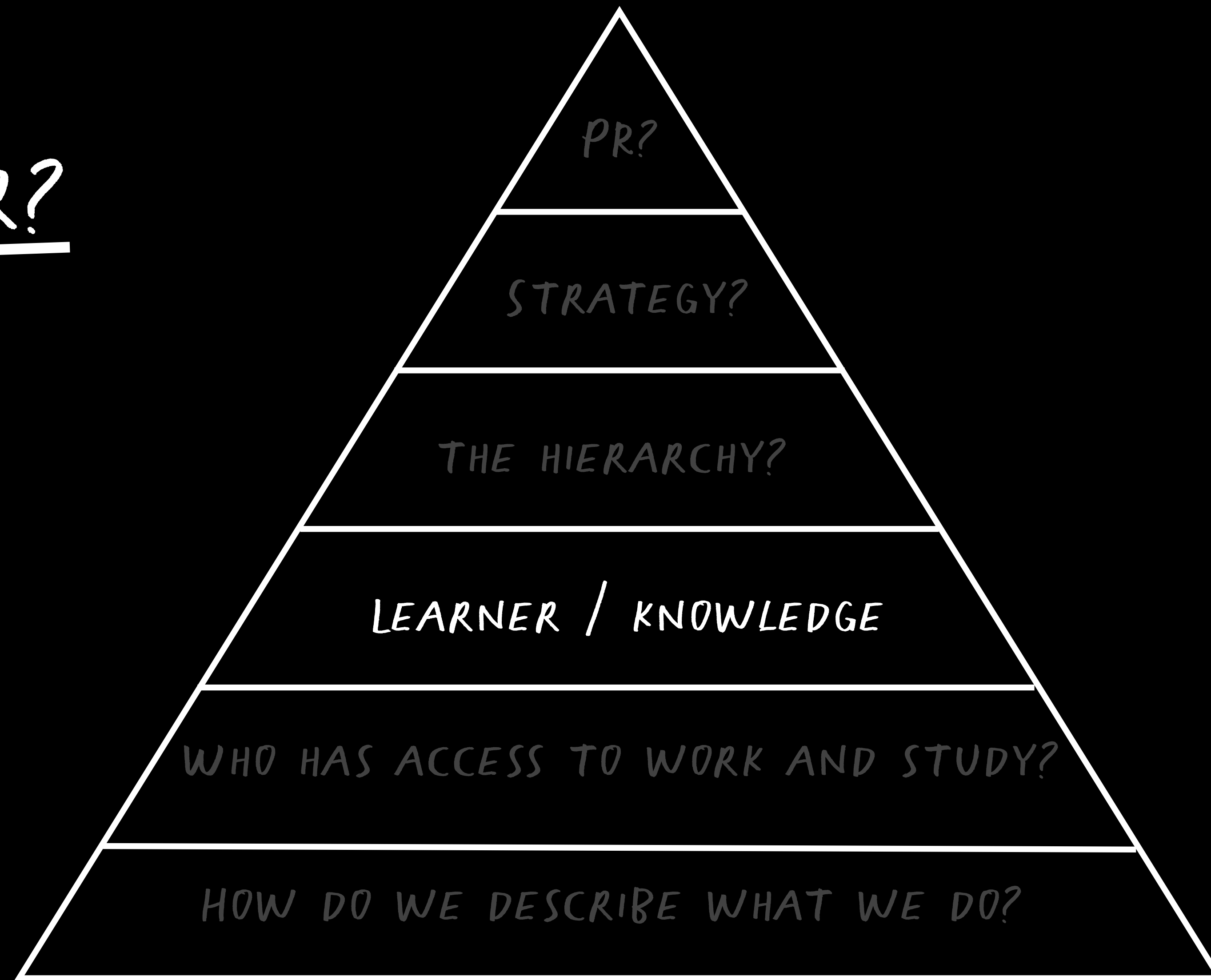




[Knight, Laura \(2021\) 741.6092: Visualising the Canon in Graphic Design](#)

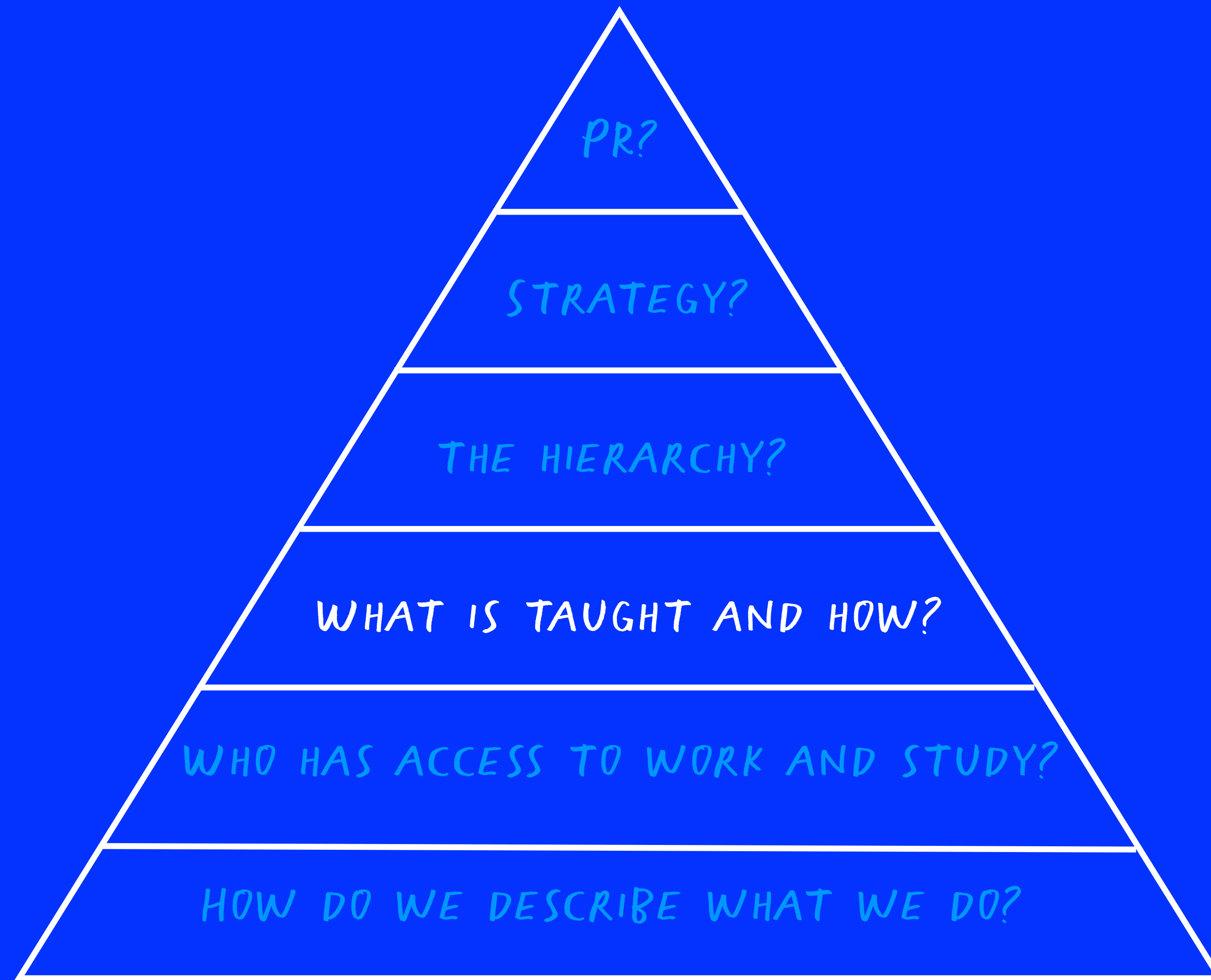


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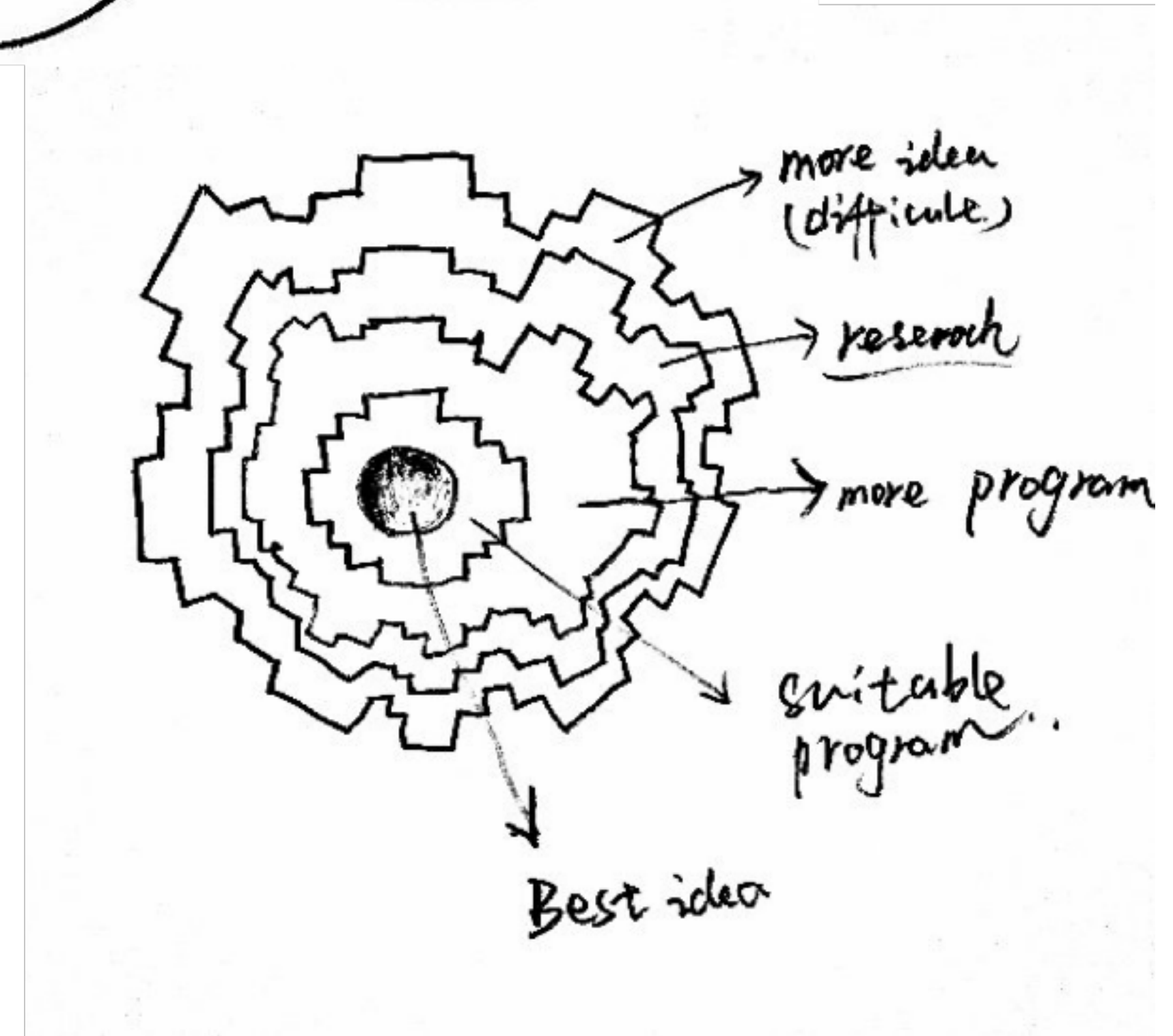
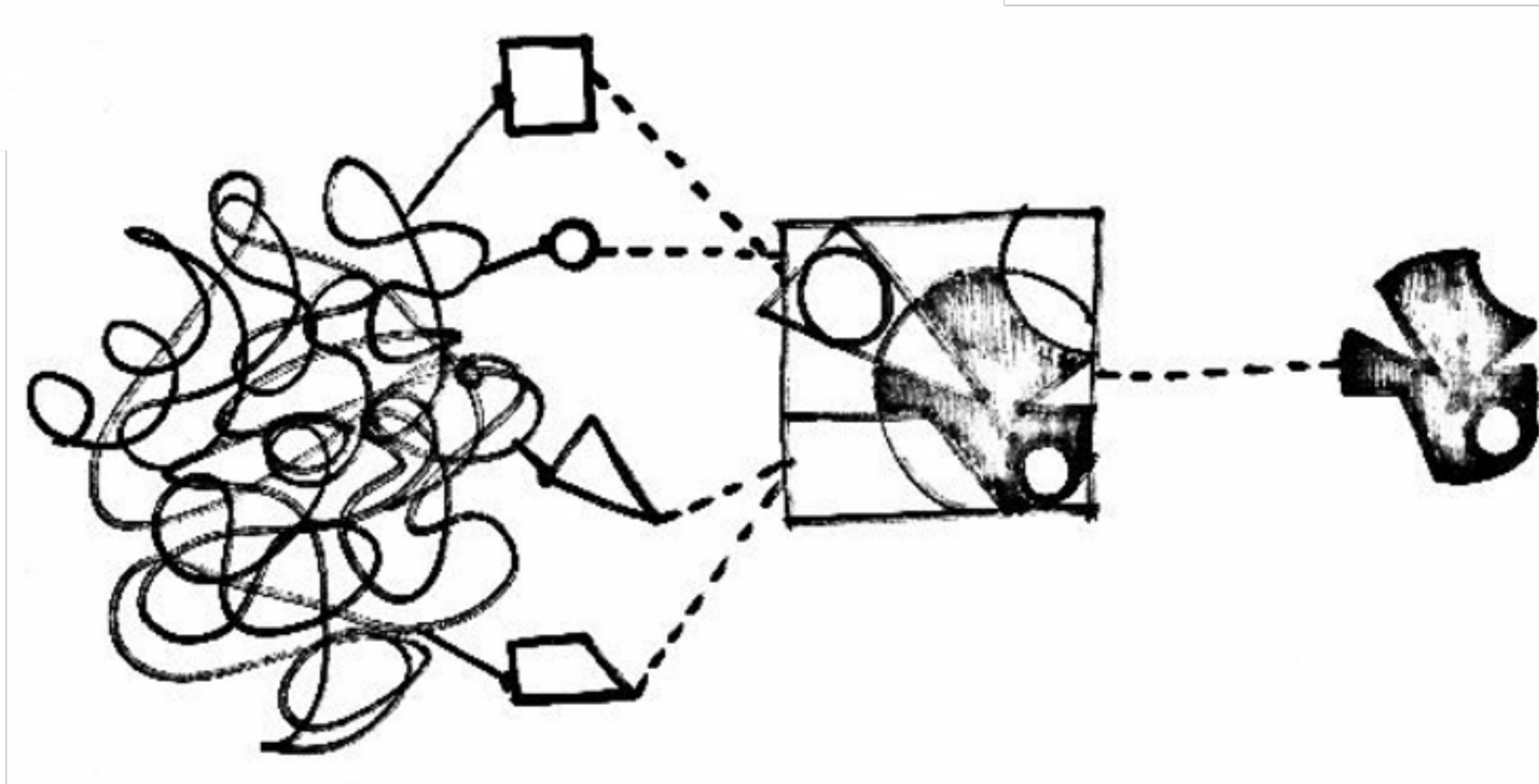
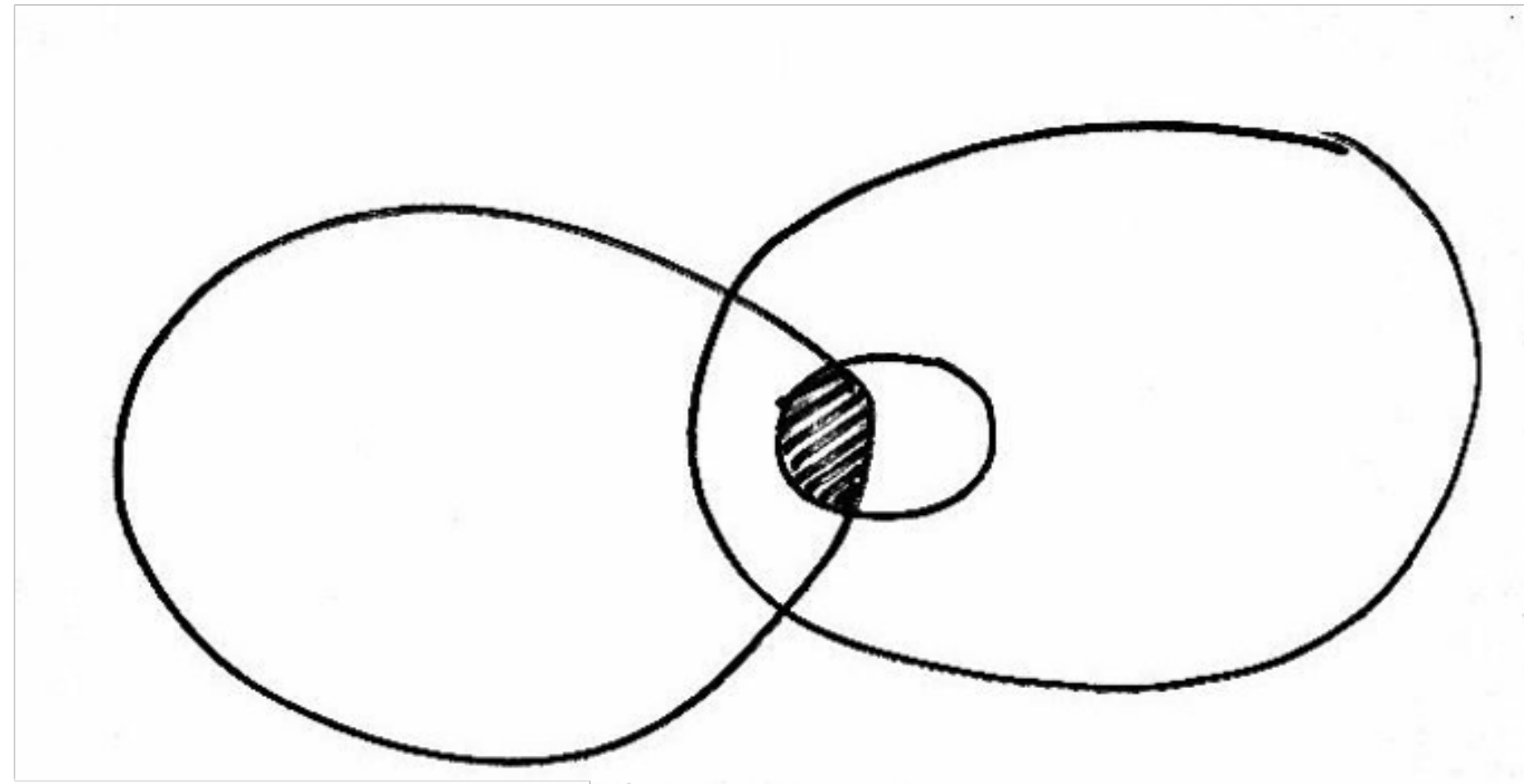
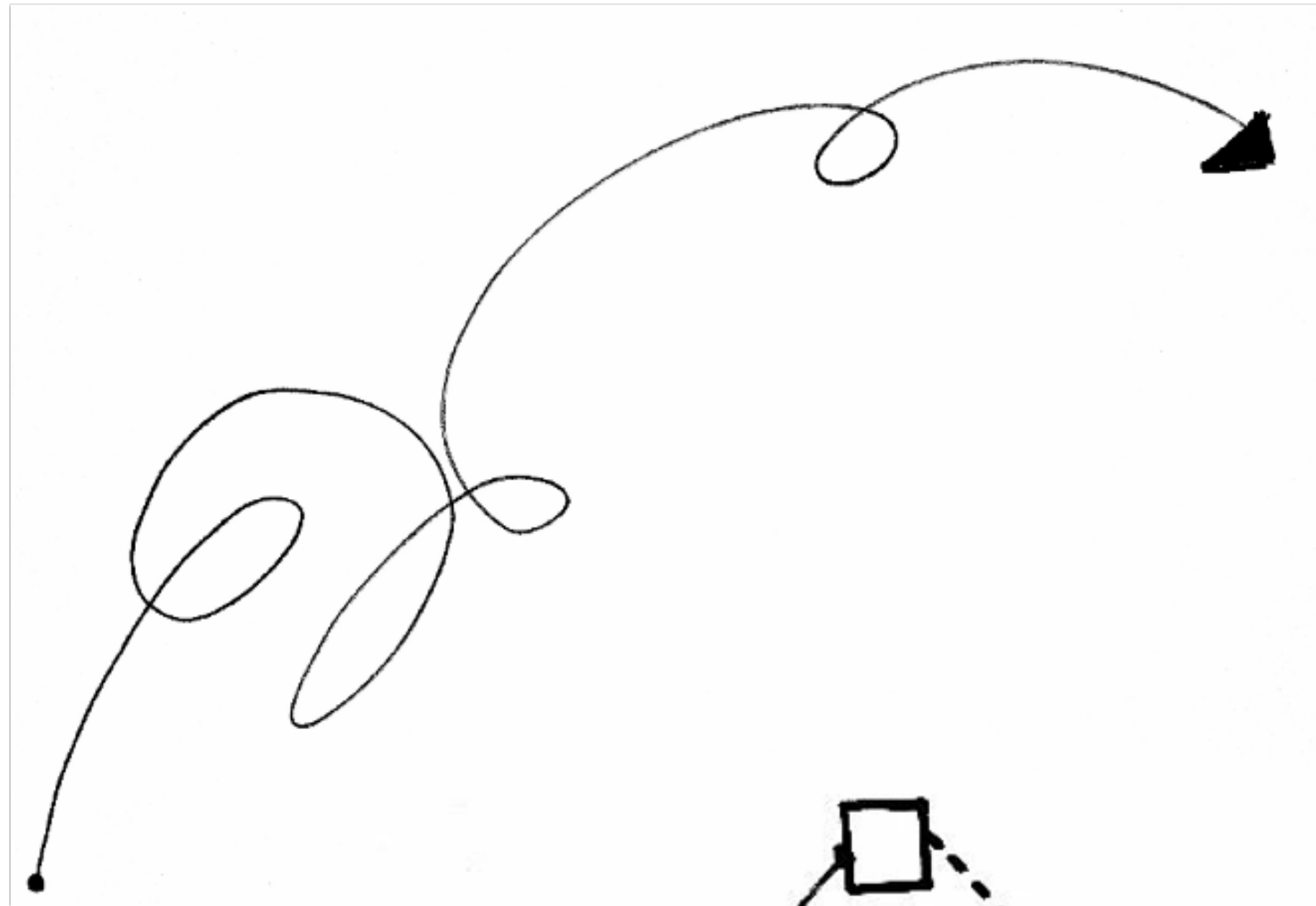


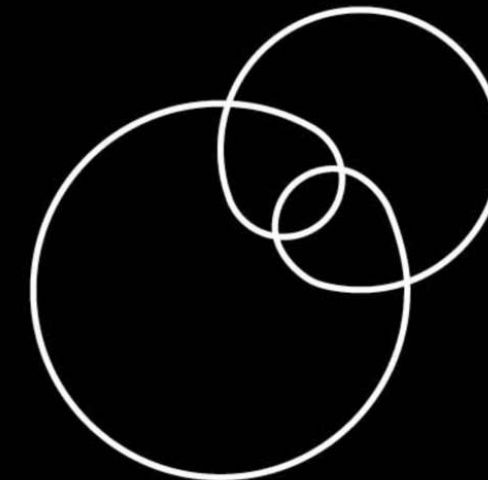
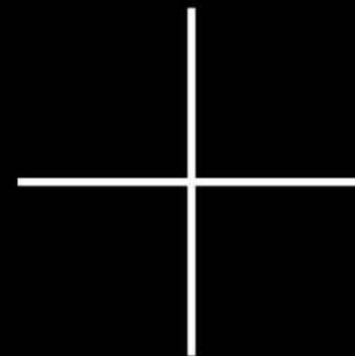
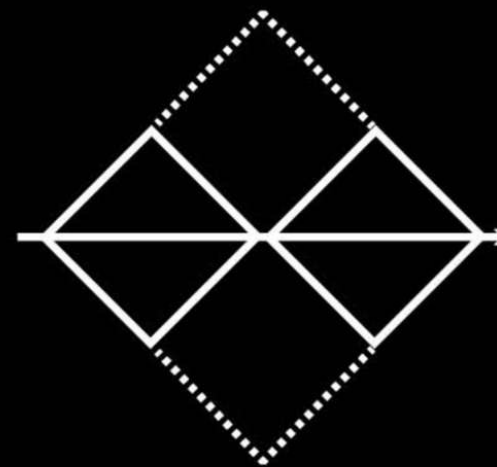
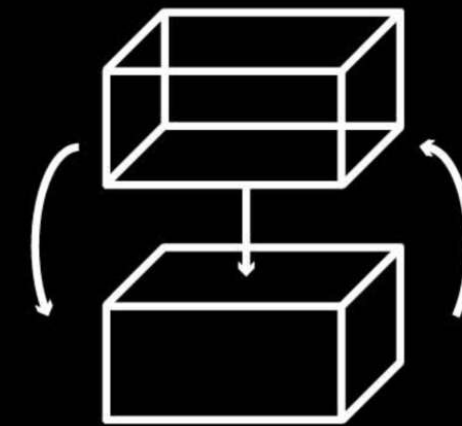
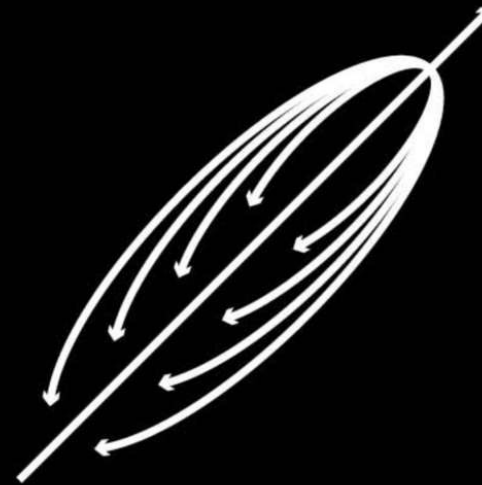
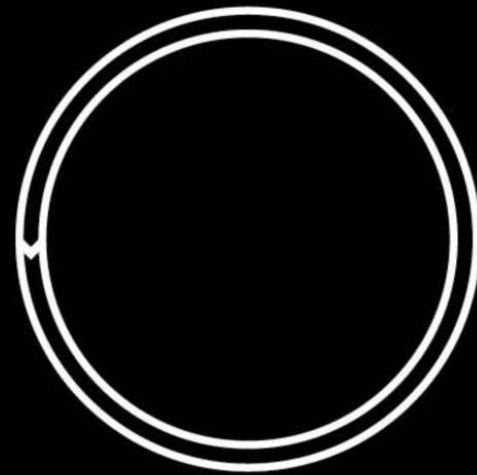
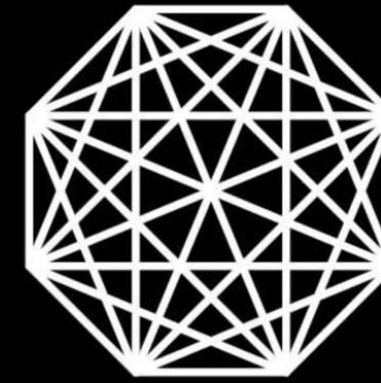
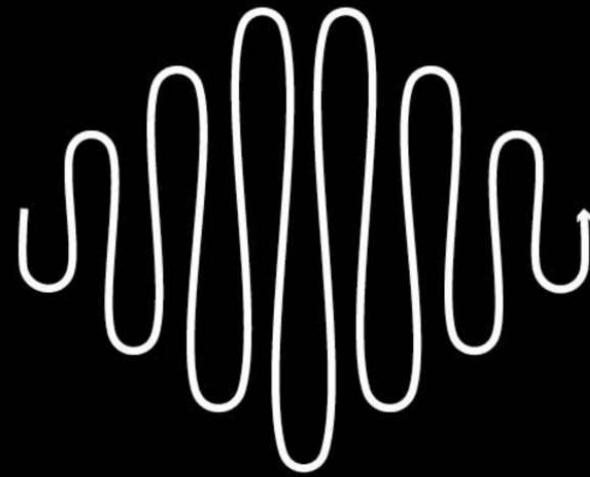


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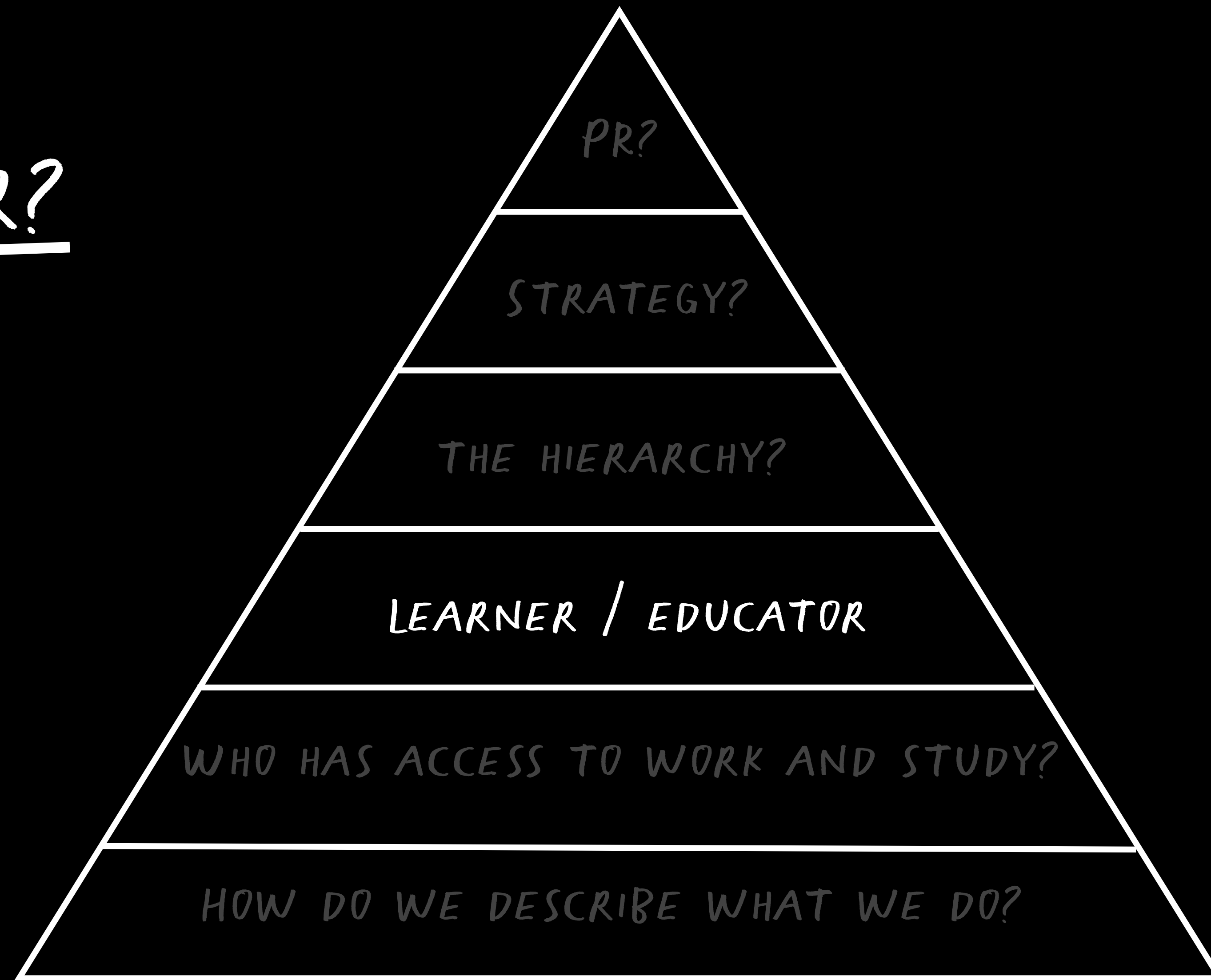




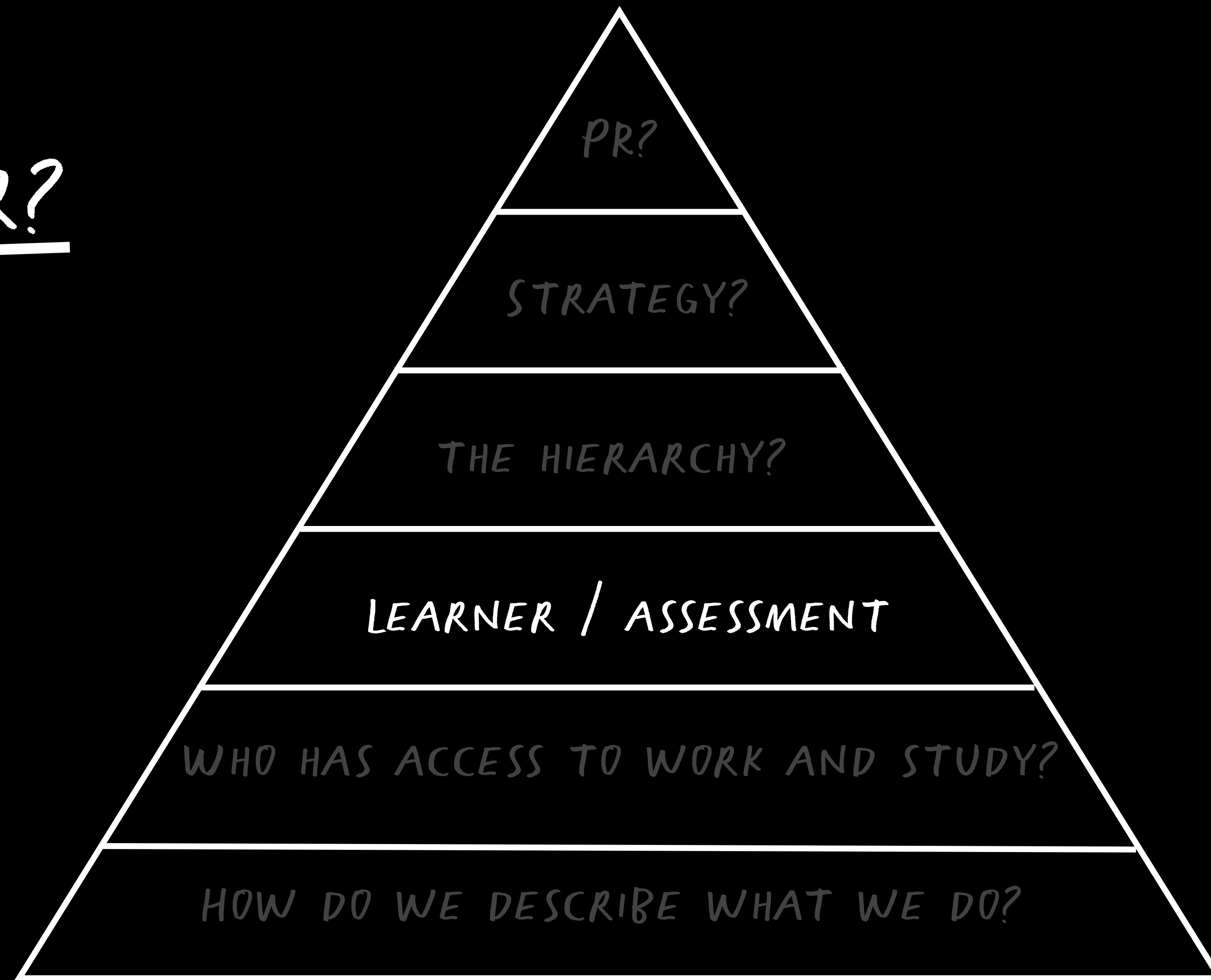




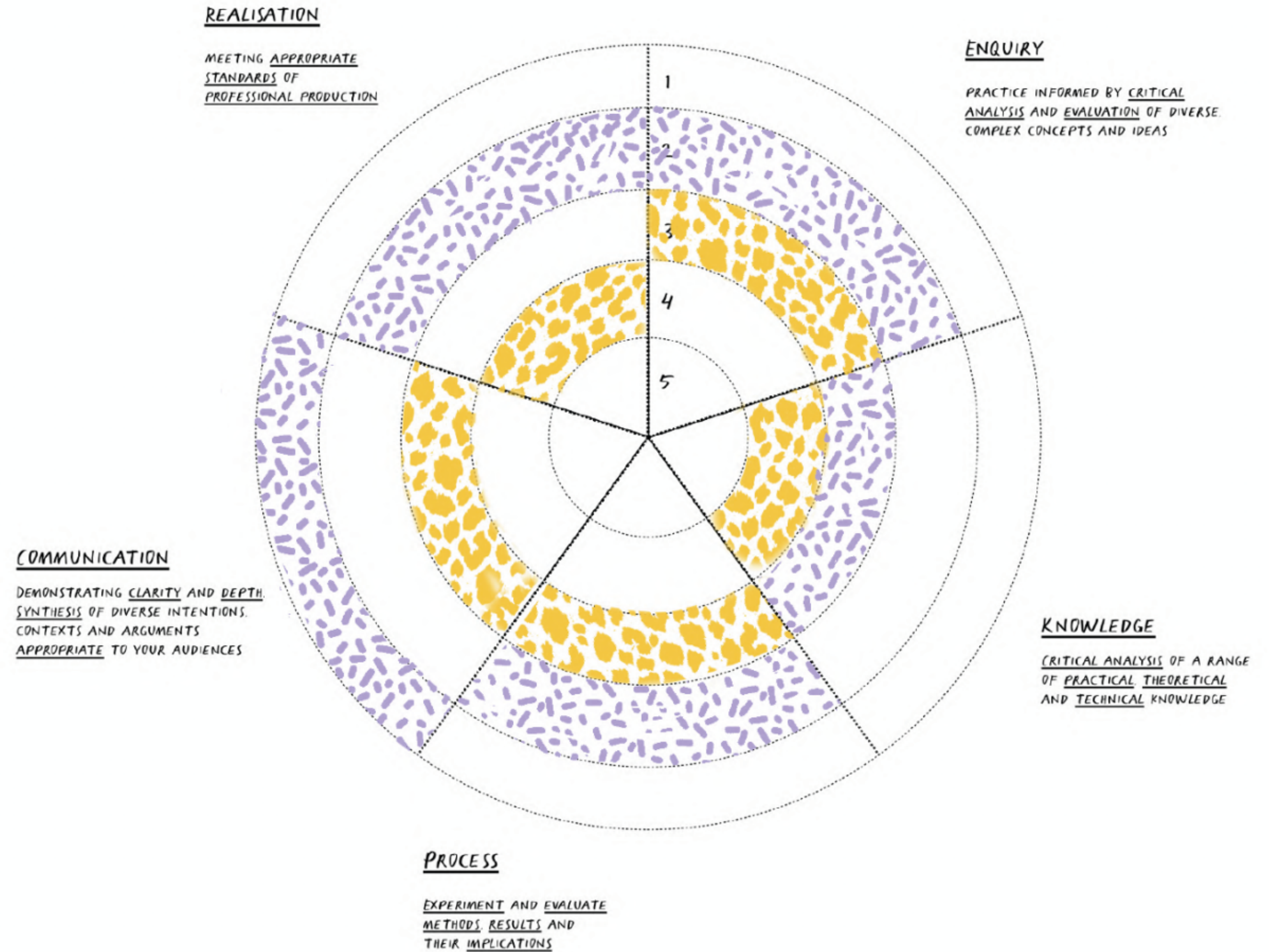
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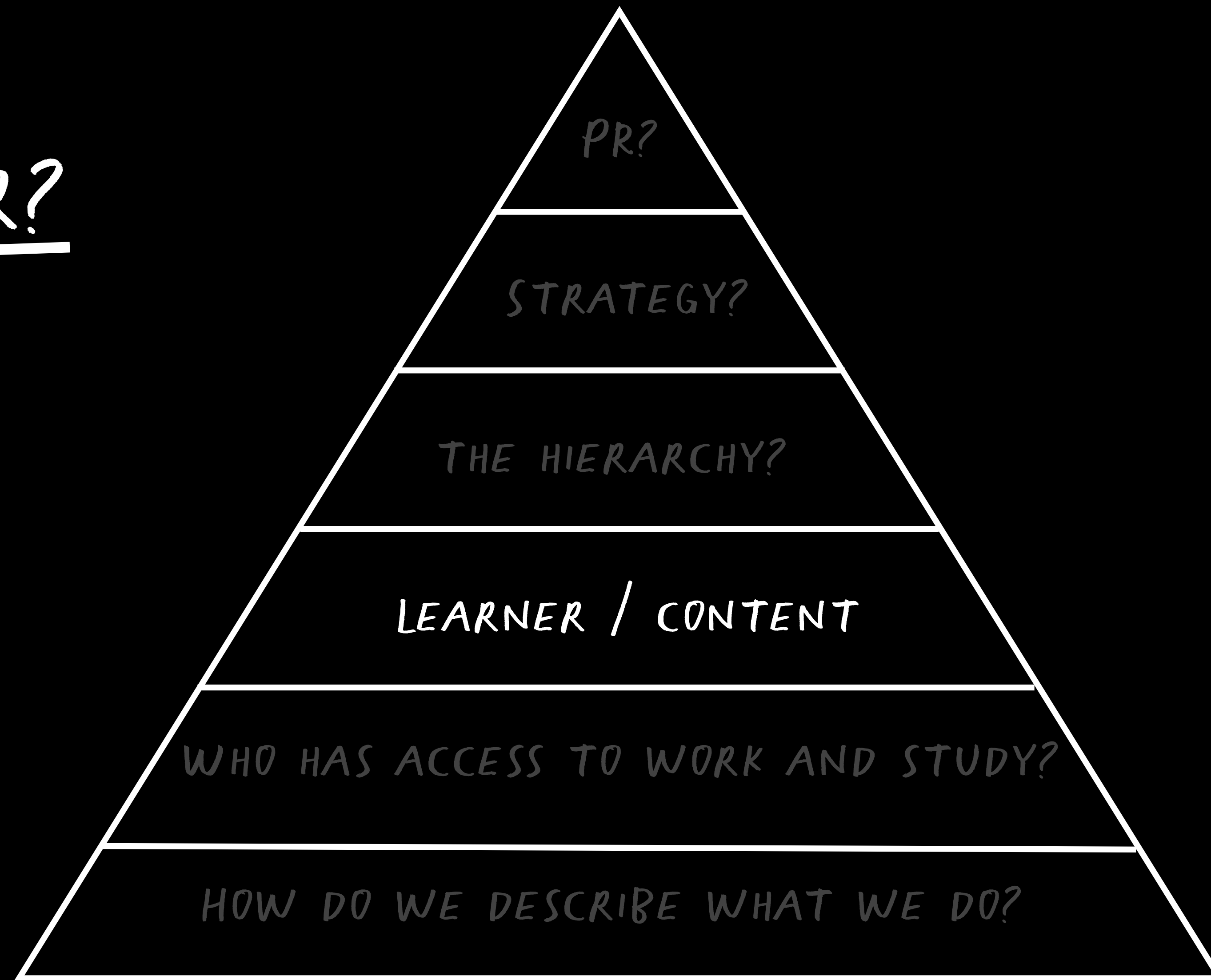




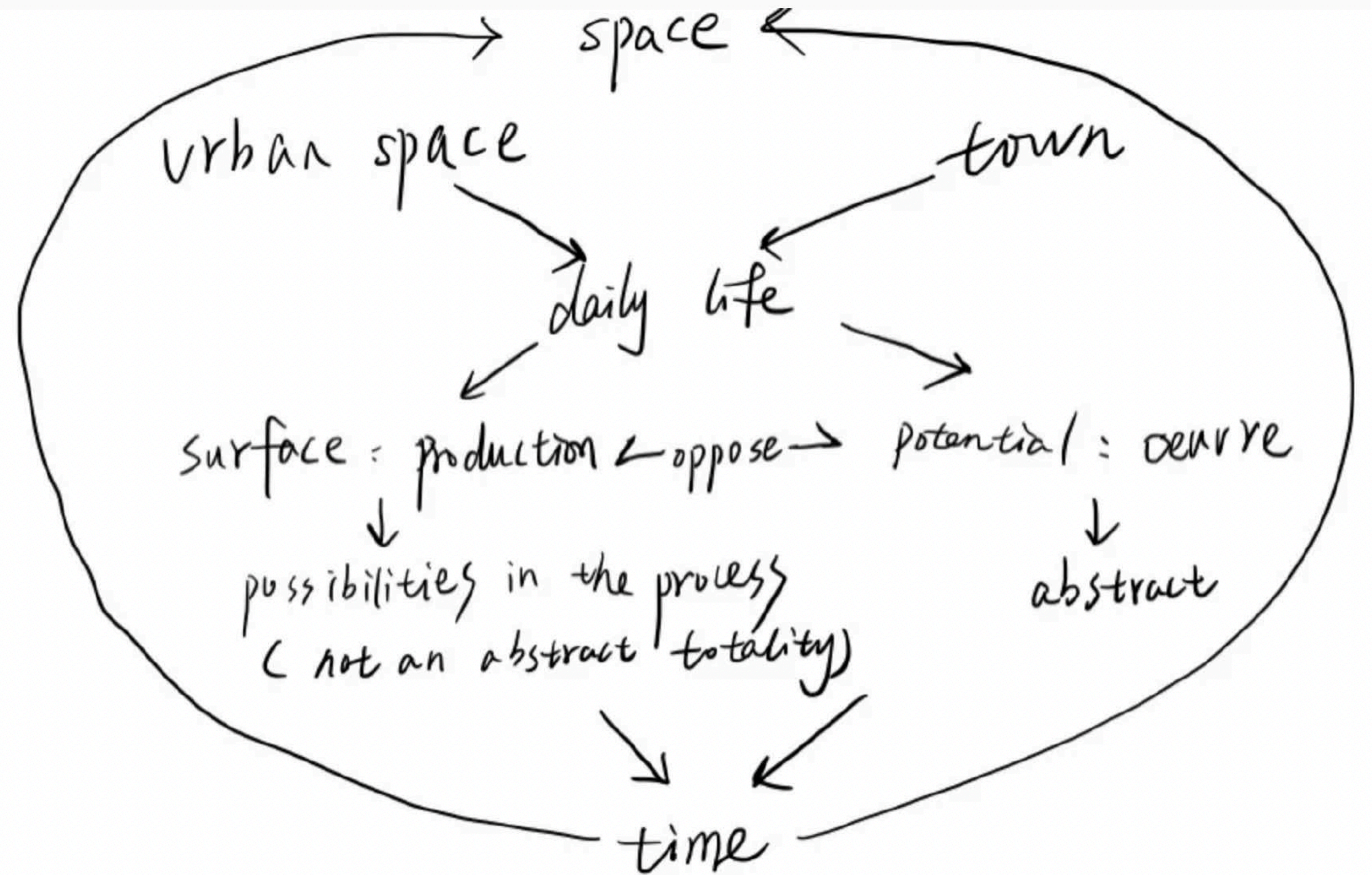


[Knight, Laura \(2023\) Talking about things we can see: Developing assessment and feedback literacies through visualisation and data drawing.](#)

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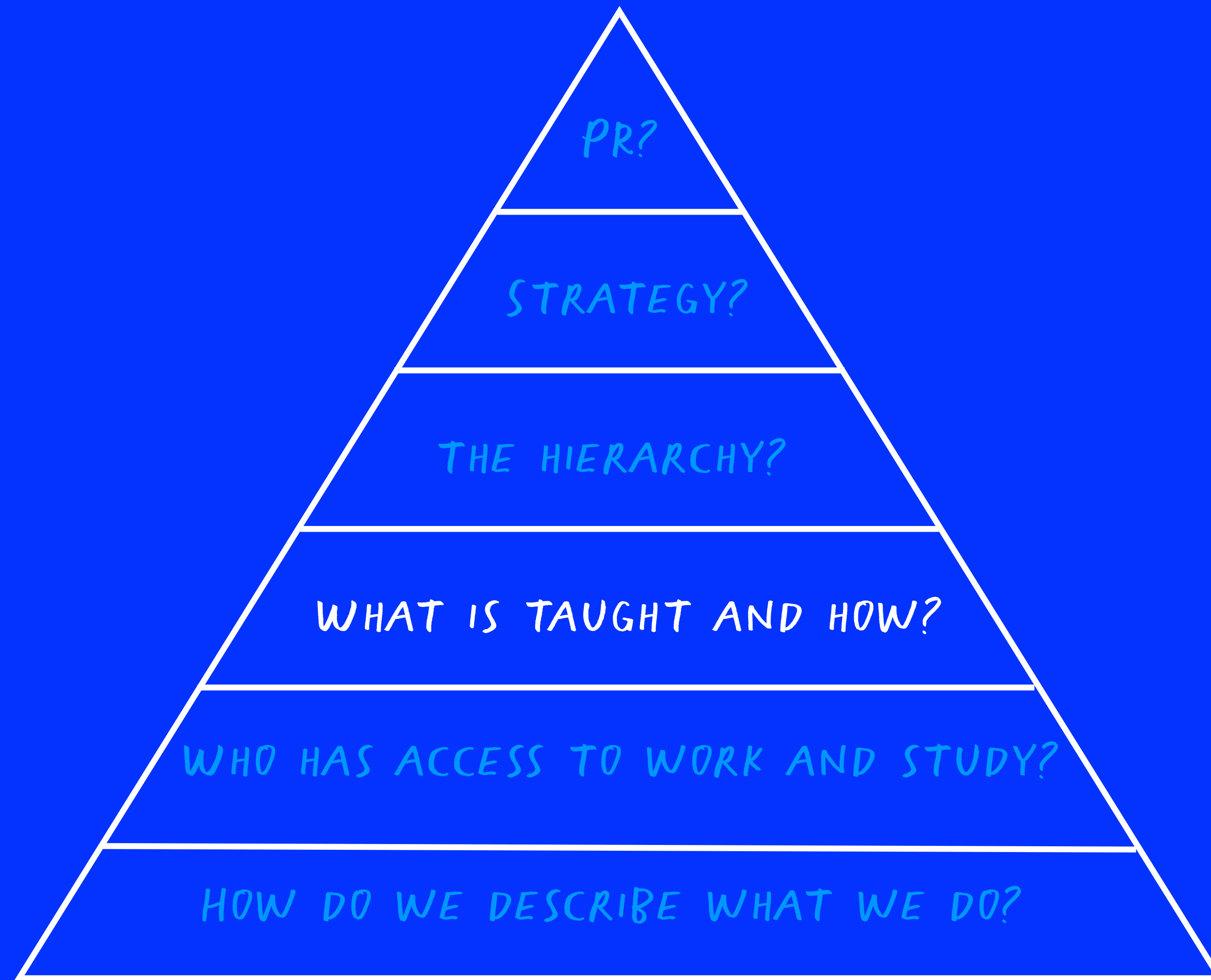




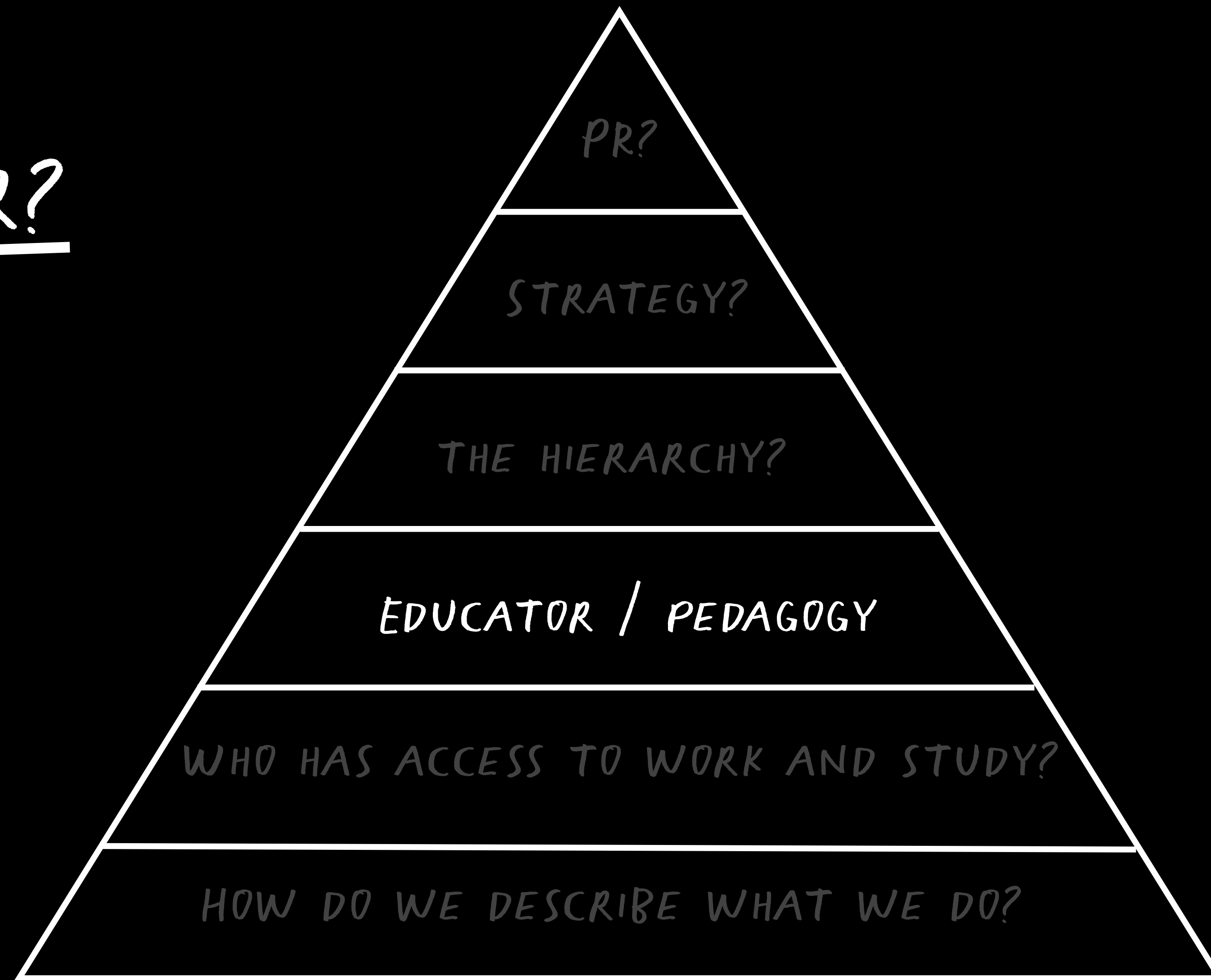
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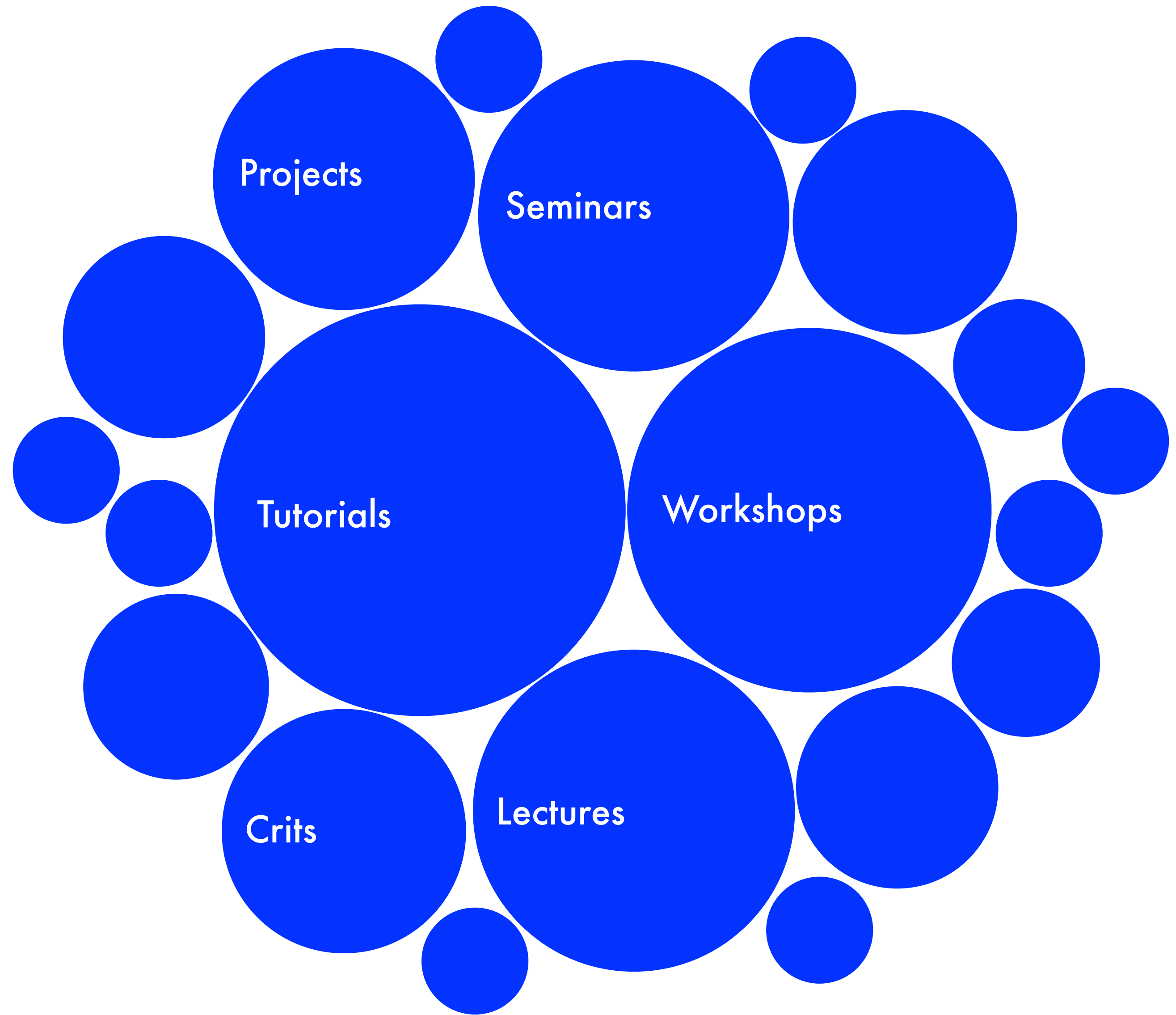


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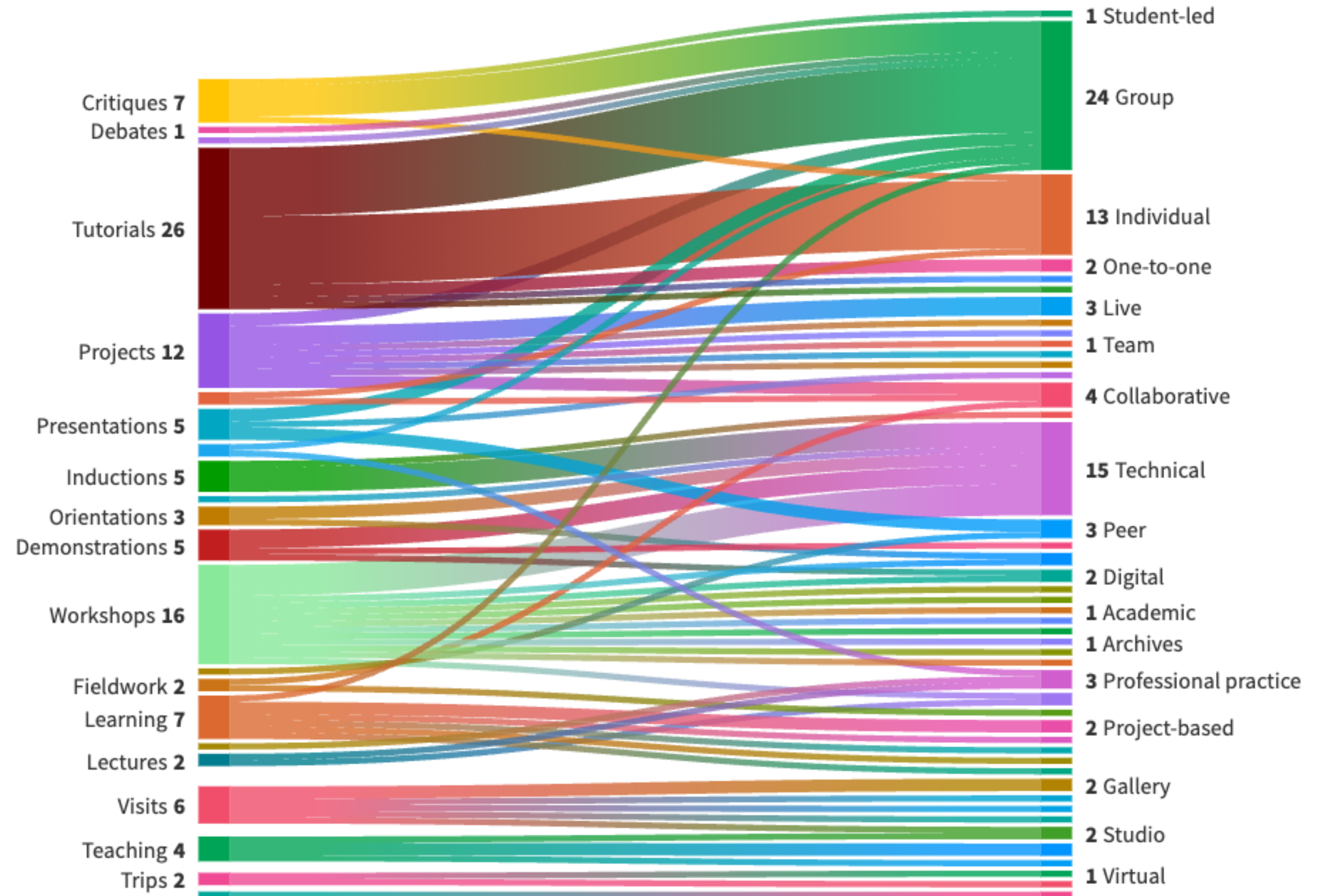




# PEDAGOGY?



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What is the most important practical contribution of systems thinking to the world? It's the use of methods and tools that make the system see itself – i.e., that make people in the system see the patterns that they collectively enact

Otto Scharmer (2016), *Theory U: Leading from the Future as It Emerges*, Berrett-Koehler Publishers; 2nd edition

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