

# Data Visualisation for Positive Change

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Laura Knight, MA Communicating Complexity

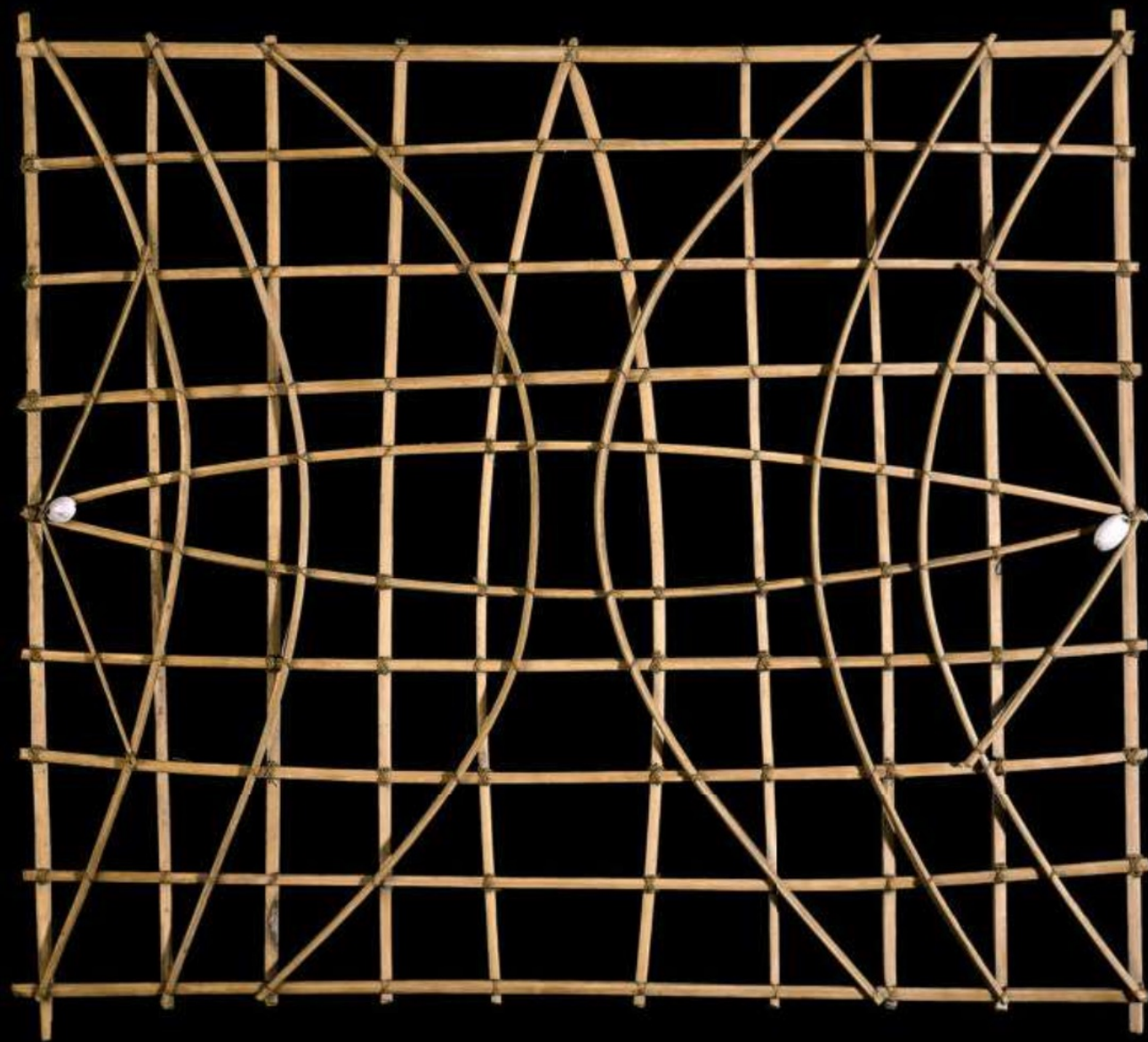


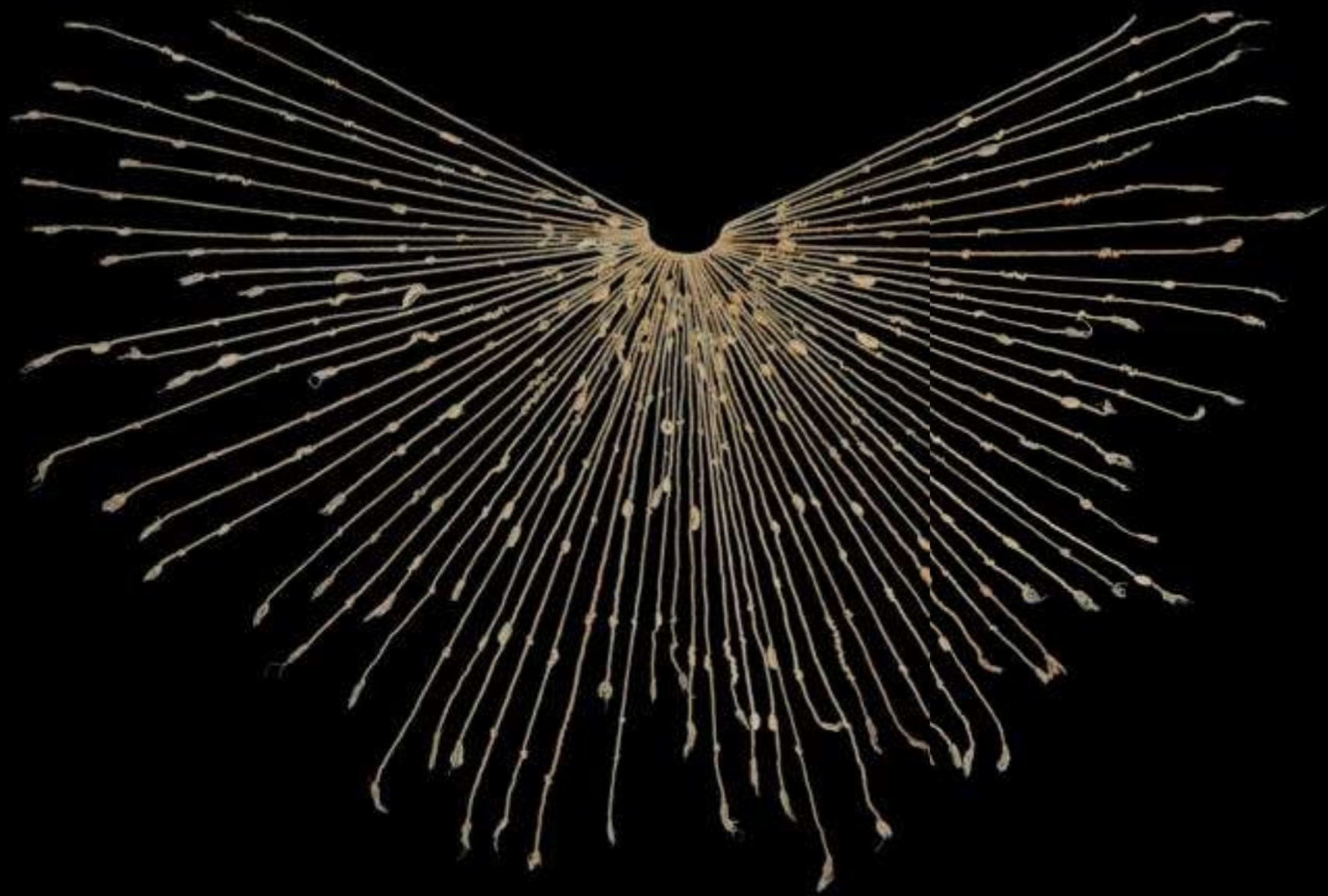
# Reinterpretation of the world is a collective endeavour

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Boaventura De Souza Santos , The End of Cognitive Empire









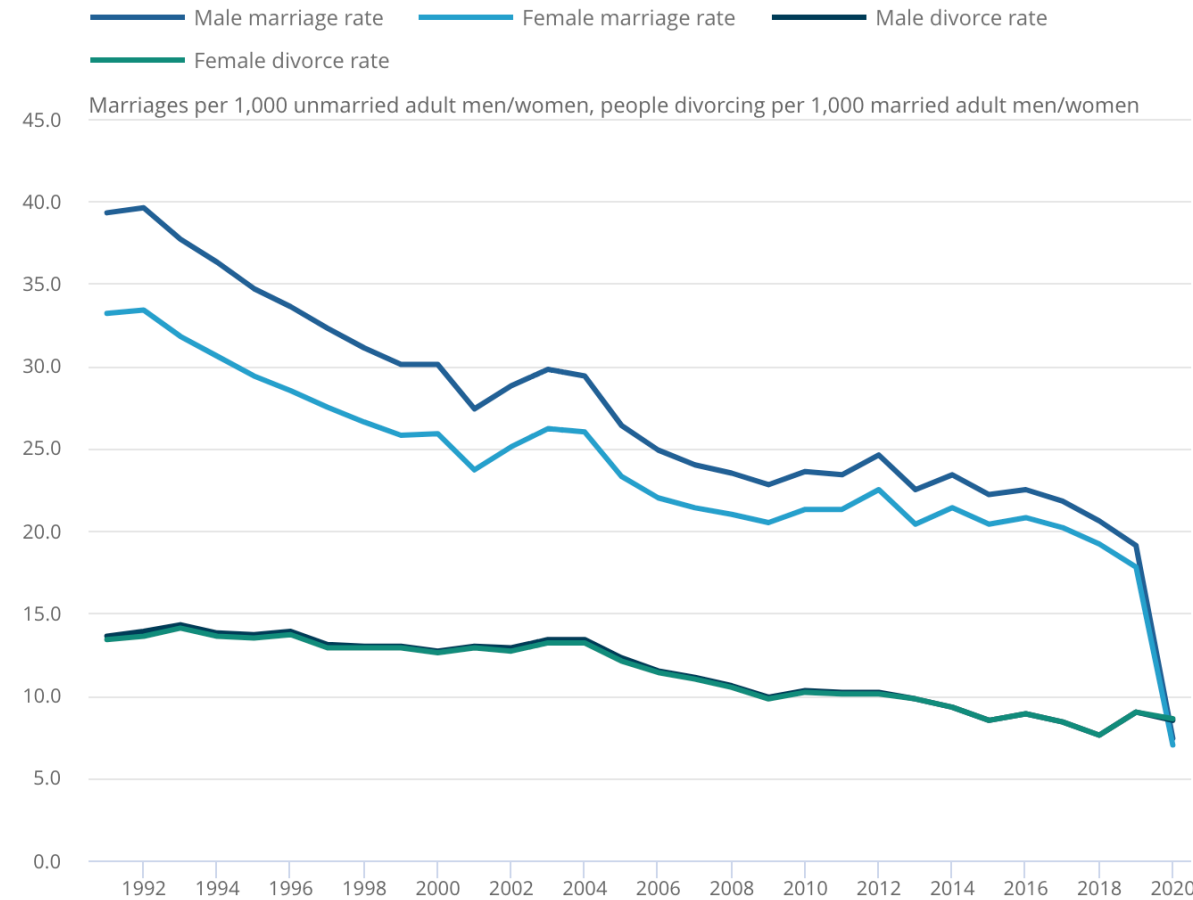




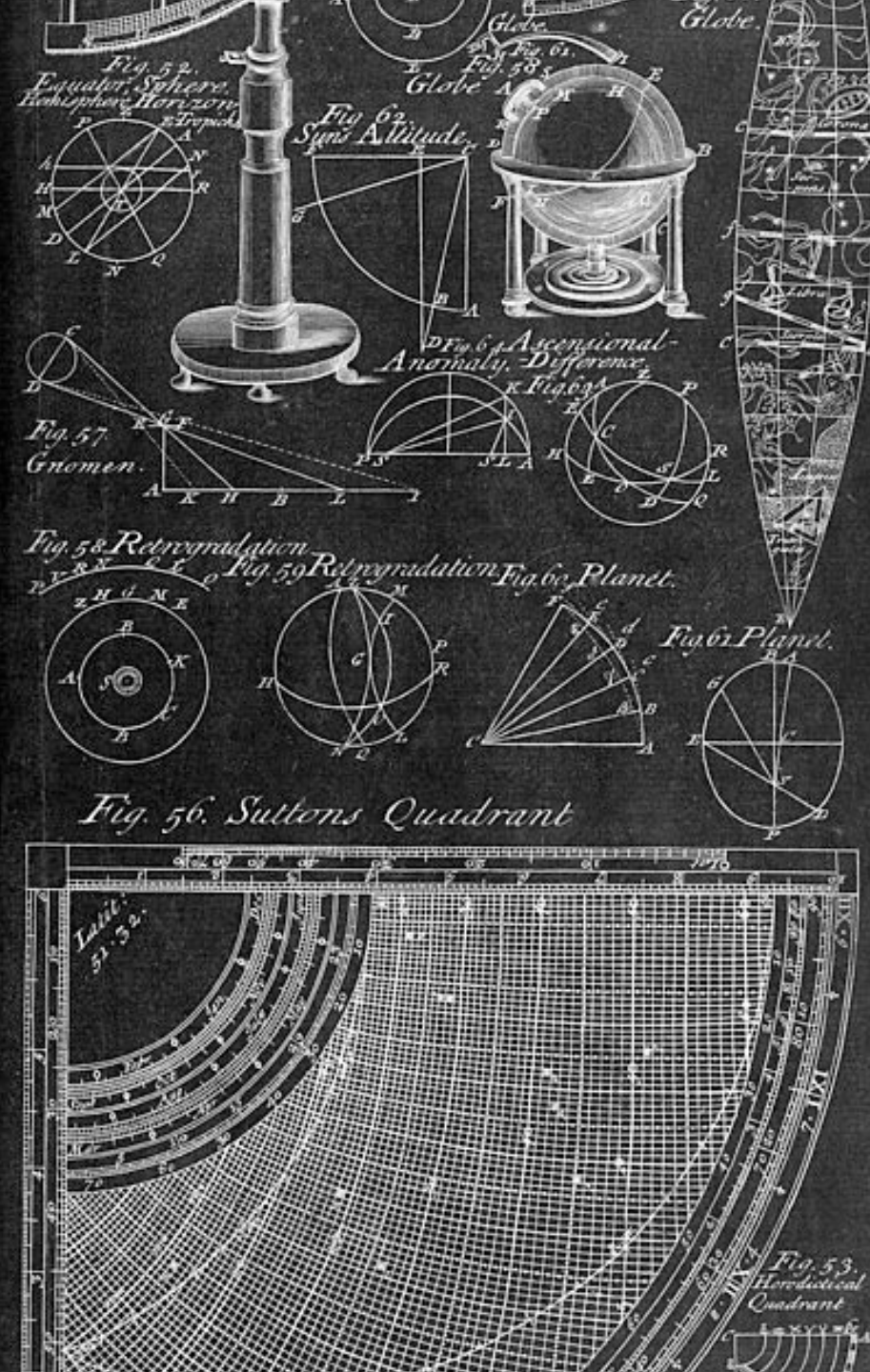
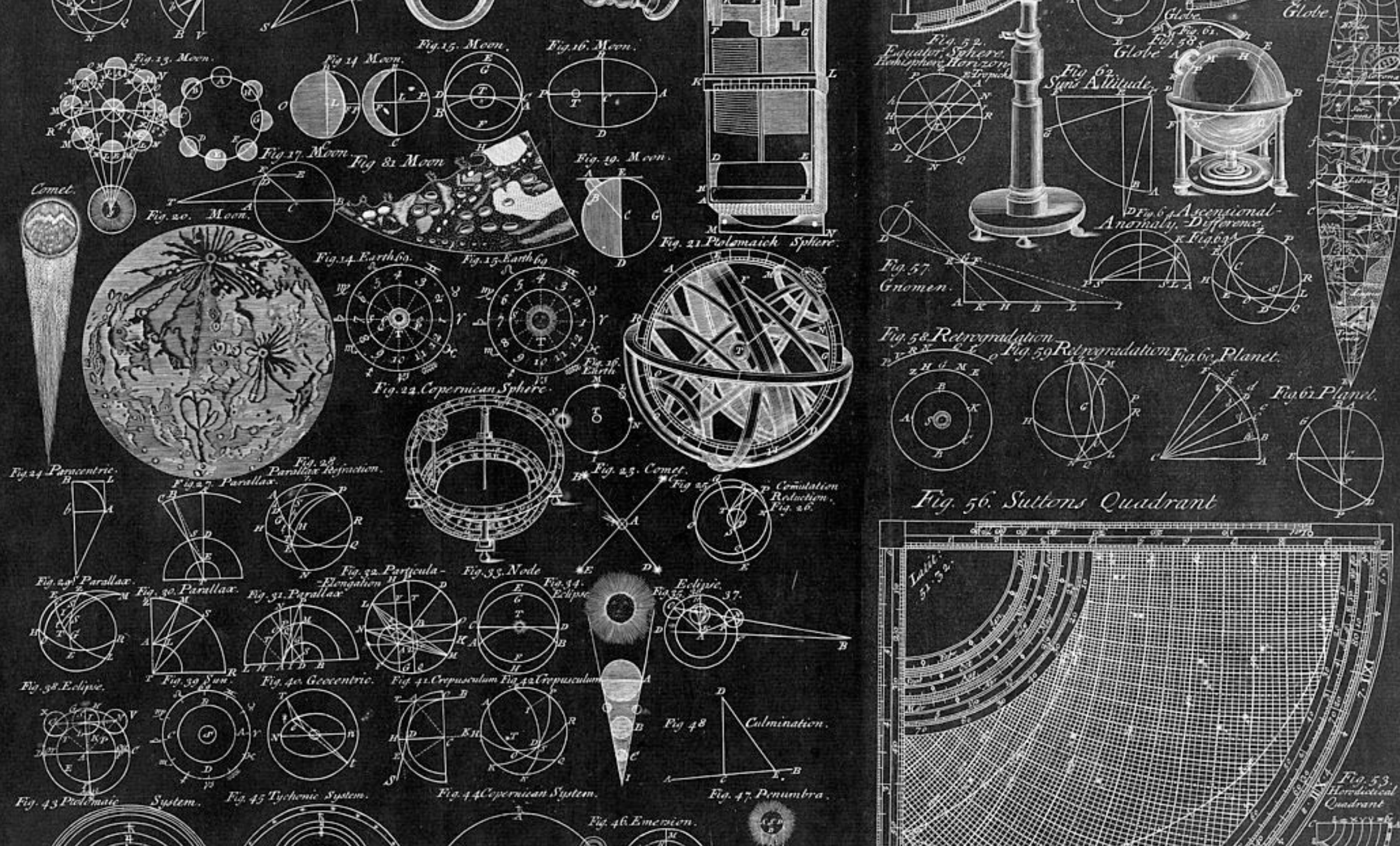




Total marriage and divorce rates by sex, England and Wales, 1991 to 2020













[illegible]

Printed and Published according to Act of Parliament April 27. 1779 by J. J. Johnson in Pall-mall near St. James's Church-yard.












































































































































# Explore the Shape of Change

Use the table below to explore how key statistics regarding health, education, economy and other topics have changed through the years.

- Education and Development
- Quality of Life
- Energy
- Global Health
- Sustainability and Climate
- Economics

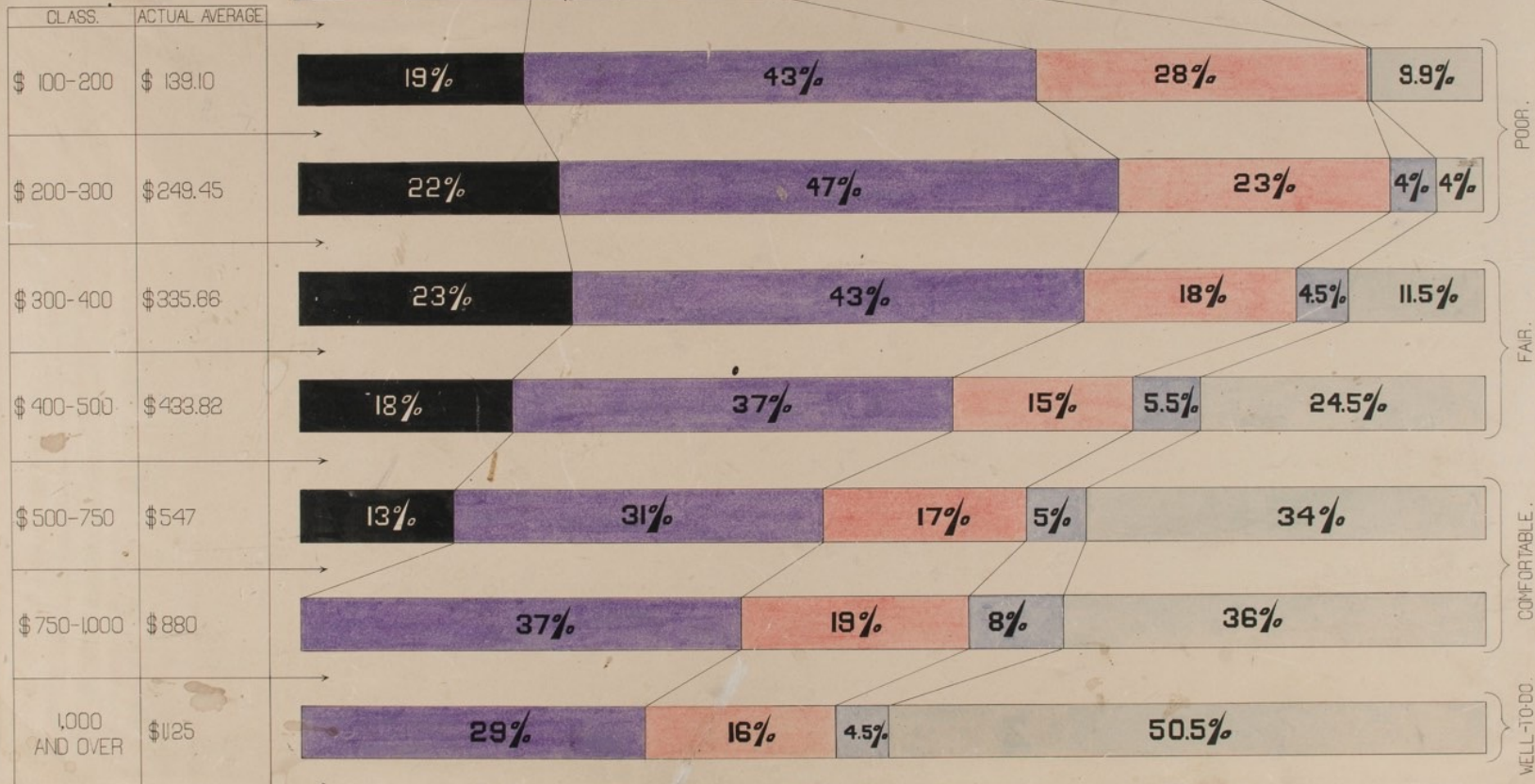
	Statistic 	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	<a href="#">% of Boys Not in Primary School (% of boys of primary school age).</a>											
	<a href="#">% of Children Not in Primary School (% of kids of primary school age).</a>											
	<a href="#">% of Girls Not in Primary School (% of girls of primary school age).</a>											
	<a href="#">Access to Electricity (% of global population).</a>											
	<a href="#">Access to Internet (% of global population).</a>											
	<a href="#">Access to safely managed Sanitation (% of global population).</a>											
	<a href="#">Air Pollution (number of deaths from outdoor air pollution).</a>											
	<a href="#">Biodiversity (Global living planet index (1970=100%)).</a>											
	<a href="#">Coal (as % of global electricity production).</a>											
	<a href="#">Countries Who've Eradicated Malaria (no. of countries).</a>											
	<a href="#">Economic Freedom</a>											



# INCOME AND EXPENDITURE OF 150 NEGRO FAMILIES IN ATLANTA, GA., U.S.A.



ANNUAL EXPENDITURE FOR				
RENT.	FOOD.	CLOTHES.	DIRECT TAXES.	OTHER EXPENSES AND SAVINGS.
	<p>DETAILED LIST OF WELL-TO-DO NEGRO FAMILY FROM BULLETIN U.S. DEPARTMENT OF AGRICULTURE NO. 71.</p> <p>FOOD. (Includes list of items and prices)</p>		<p>THE STATE TAX RATE IS:</p> <p>1880-\$3.50 PER \$1,000</p> <p>1885-\$3.50 .. ..</p> <p>1890-\$3.96 .. ..</p> <p>1895 \$4.56 .. ..</p> <p>1899 \$5.36 .. ..</p> <p>STATE AND COUNTY TAXES RAISE THIS TO \$21 PER \$1,000 IN ATLANTA.</p>	<p>THE HIGHER LIFE.</p> <p>RELIGION.</p> <p>ART.</p> <p>EDUCATION.</p> <p>SICKNESS.</p> <p>SAVINGS.</p> <p>AMUSEMENTS.</p> <p>BOOKS AND PAPERS.</p> <p>TRAVEL.</p>



FOR FURTHER STATISTICS RAISE THIS FRAME.



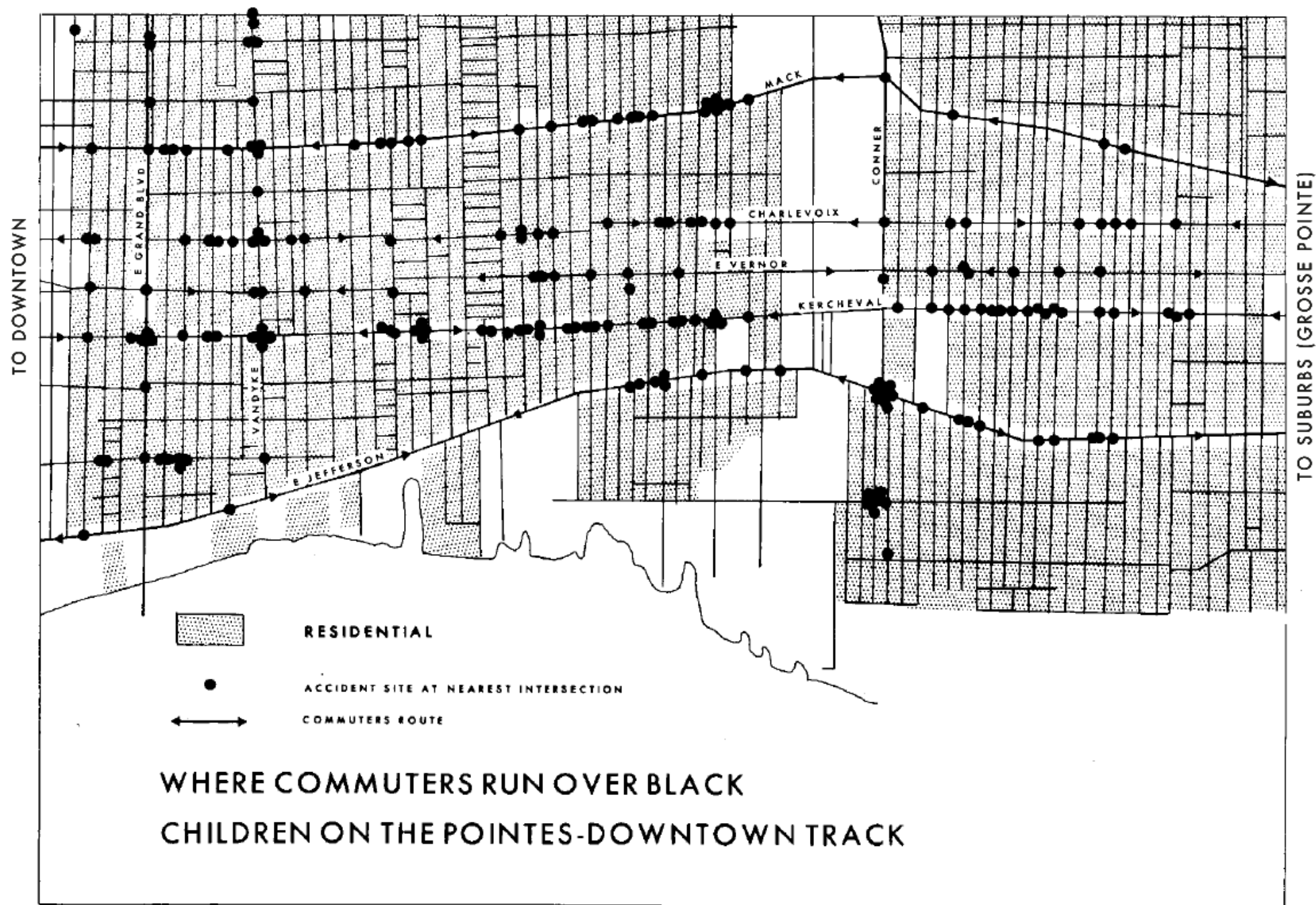
**It is a peculiar sensation, this sense  
of always looking at oneself through  
the eyes of others**

---

**W.E.B Du Bois**, The Souls of Black Folk, 1903









**Geography is often defined as the study  
of the earth's surface as the home of man.  
But the view from which men's home?**






Laura Knight, Gentrification Datazine



# Subjective Mapmaking



Hannah McNally & Laura Knight (2017)  
Subjective Mapmaking





Hannah McNally & Laura Knight (2017)  
Subjective Mapmaking





## Hannah McNally & Laura Knight (2017) Subjective Mapmaking





Knight, Laura (2016) Beyond the Surface  
London Transport Museum.





Knight, Laura (2016) Beyond the Surface  
London Transport Museum.





Knight, Laura (2016) Beyond the Surface  
London Transport Museum.



**GET IN LANE**

**Leave**



**Remain**



**Brexit Barrier  $\frac{1}{2}$  m**

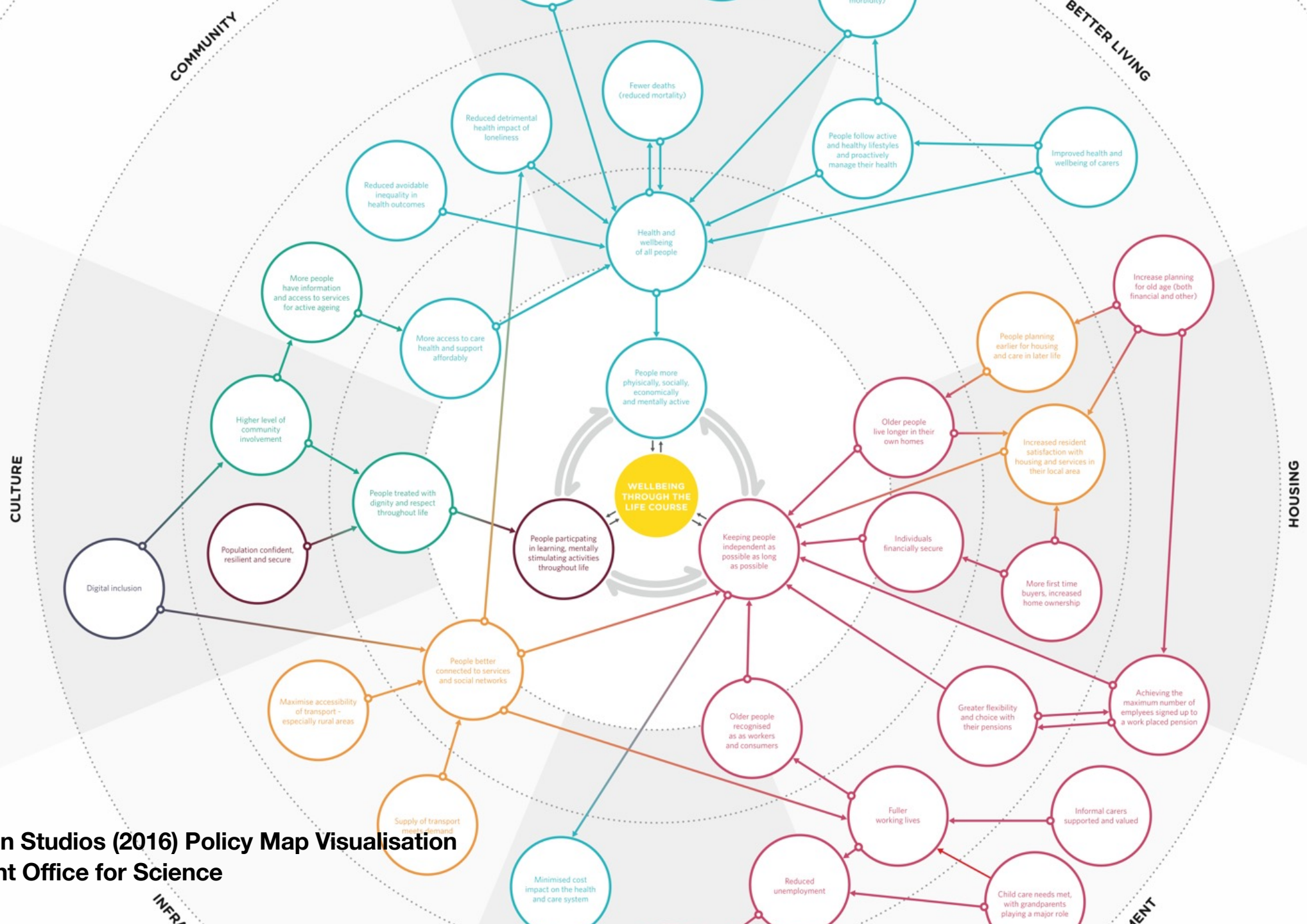


# Affordable Housing

A yellow rectangular sign with a black border and a black arrow pointing right, containing the text 'Affordable Housing'.

Knight, Laura (2016) Beyond the Surface  
London Transport Museum.





**Data Design Studios (2016) Policy Map Visualisation**  
**Government Office for Science**





Data Design Studios (2016) Policy Map Visualisation  
Government Office for Science







## 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

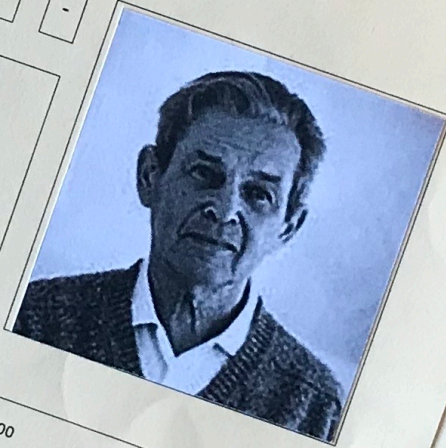
### Place of birth

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

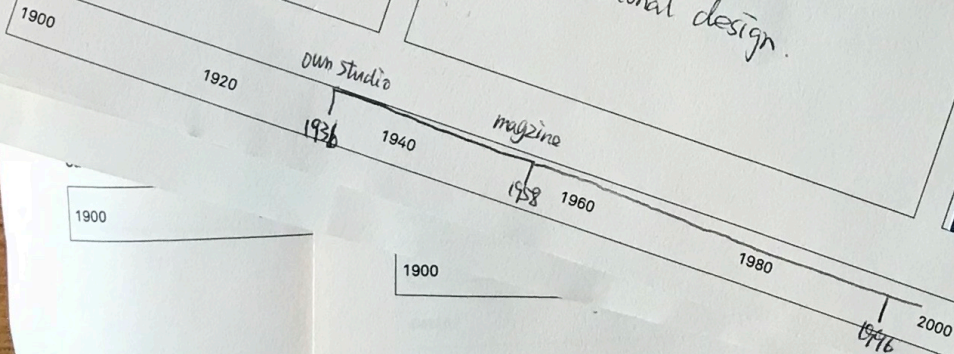
### Practice keywords

typist.  
Graphic designer  
Swiss international design.

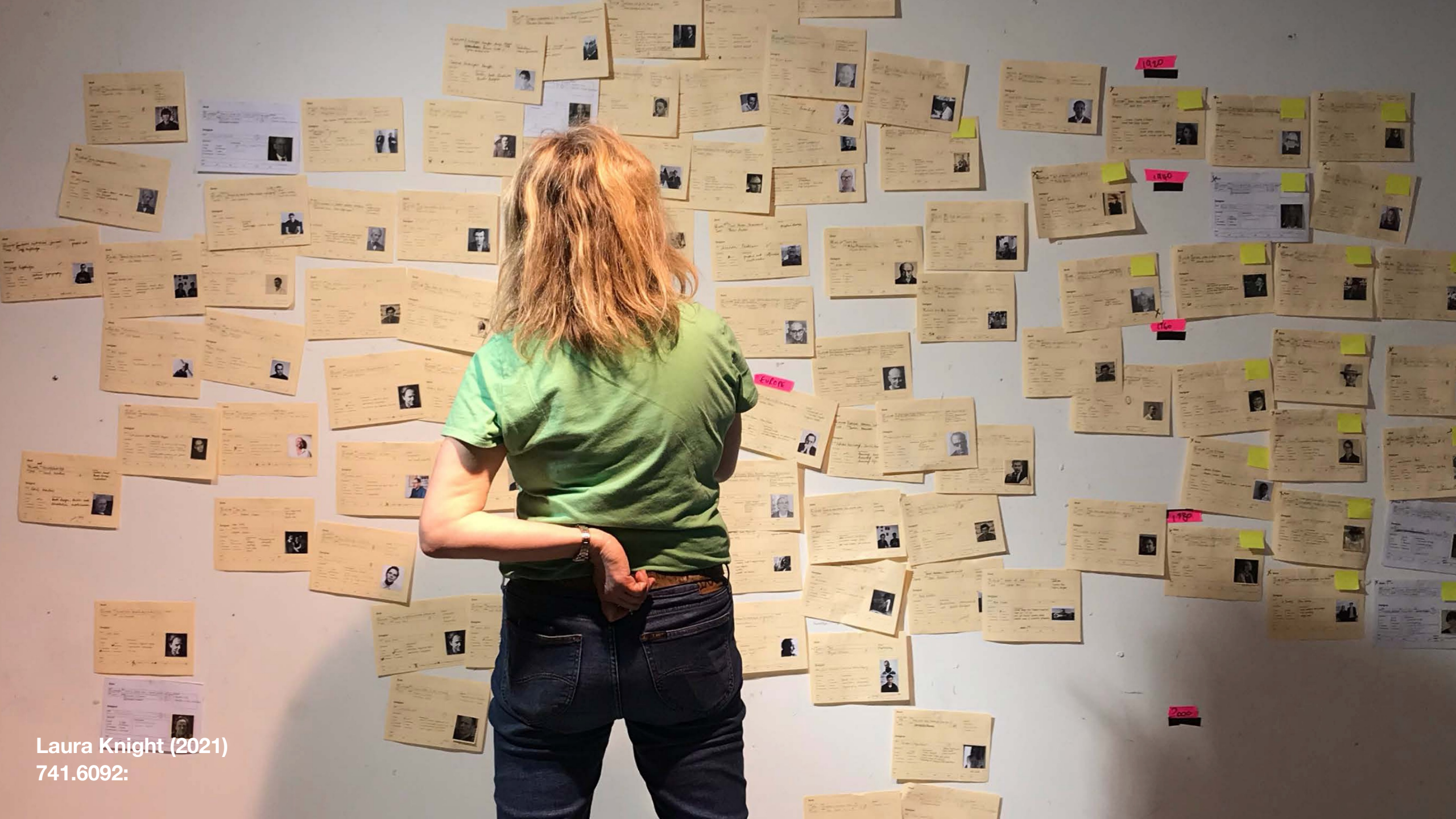
☒ M ☐ F ☐ -



### Career







Laura Knight (2021)  
741.6092:





Laura Knight (2021)  
741.6092:





































# Revolution is not a one-time event

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**Audre Lorde**, *The Masters Tools Will Never Dismantle the Masters House*



Revolution is not a one-time event

**It is becoming always vigilant  
for the smallest opportunity  
to make a genuine change**

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Audre Lorde, The Masters Tools Will Never Dismantle the Masters House





**Laura Knight**

MA Communicating Complexity

#laurahknight