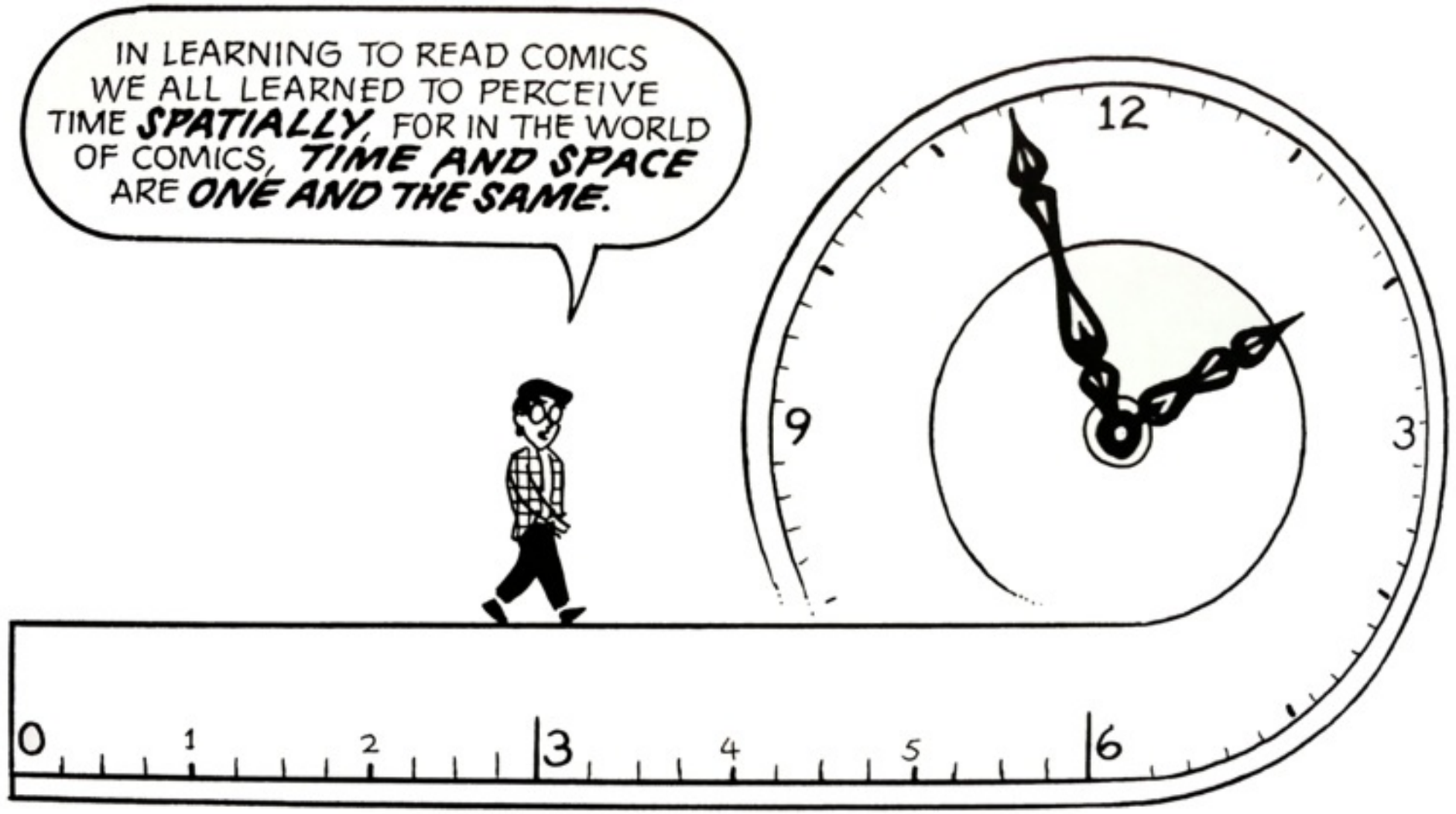
Timelines

Survey Project from Johanna Fulda

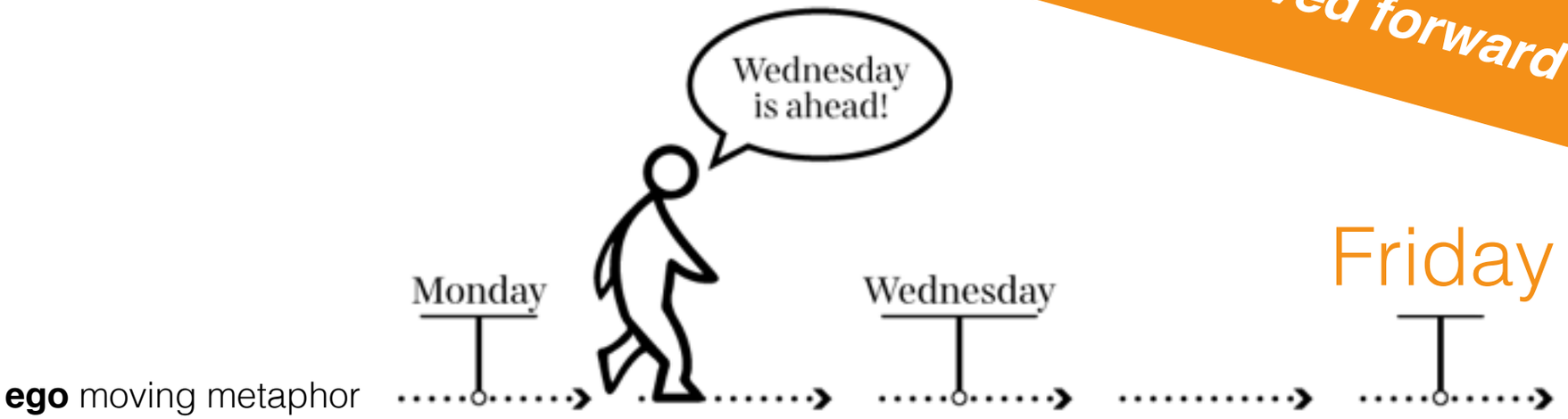
Time & Space

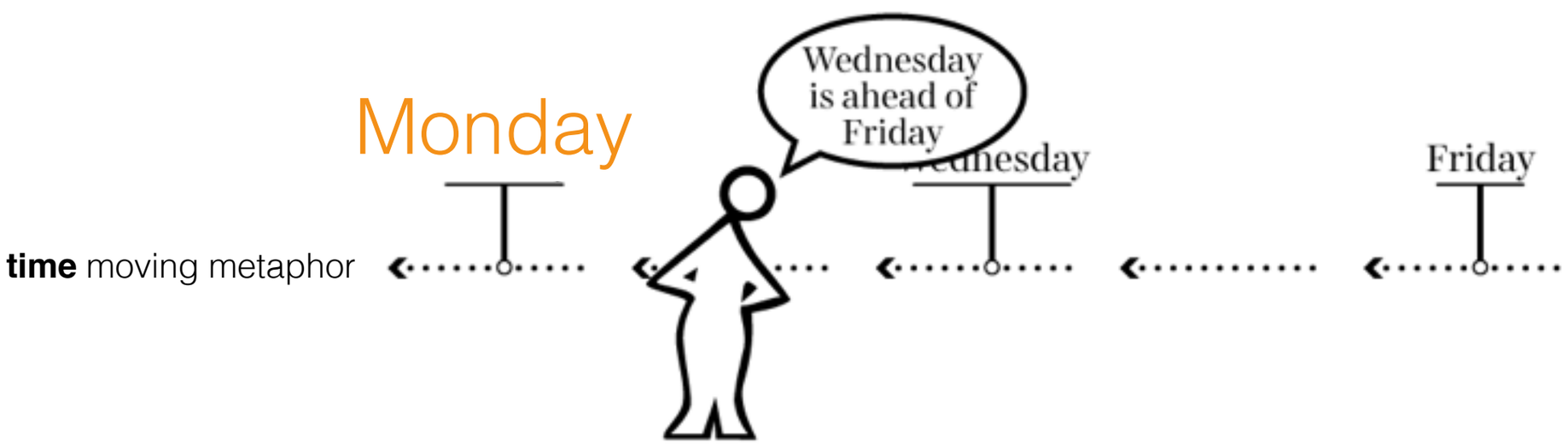


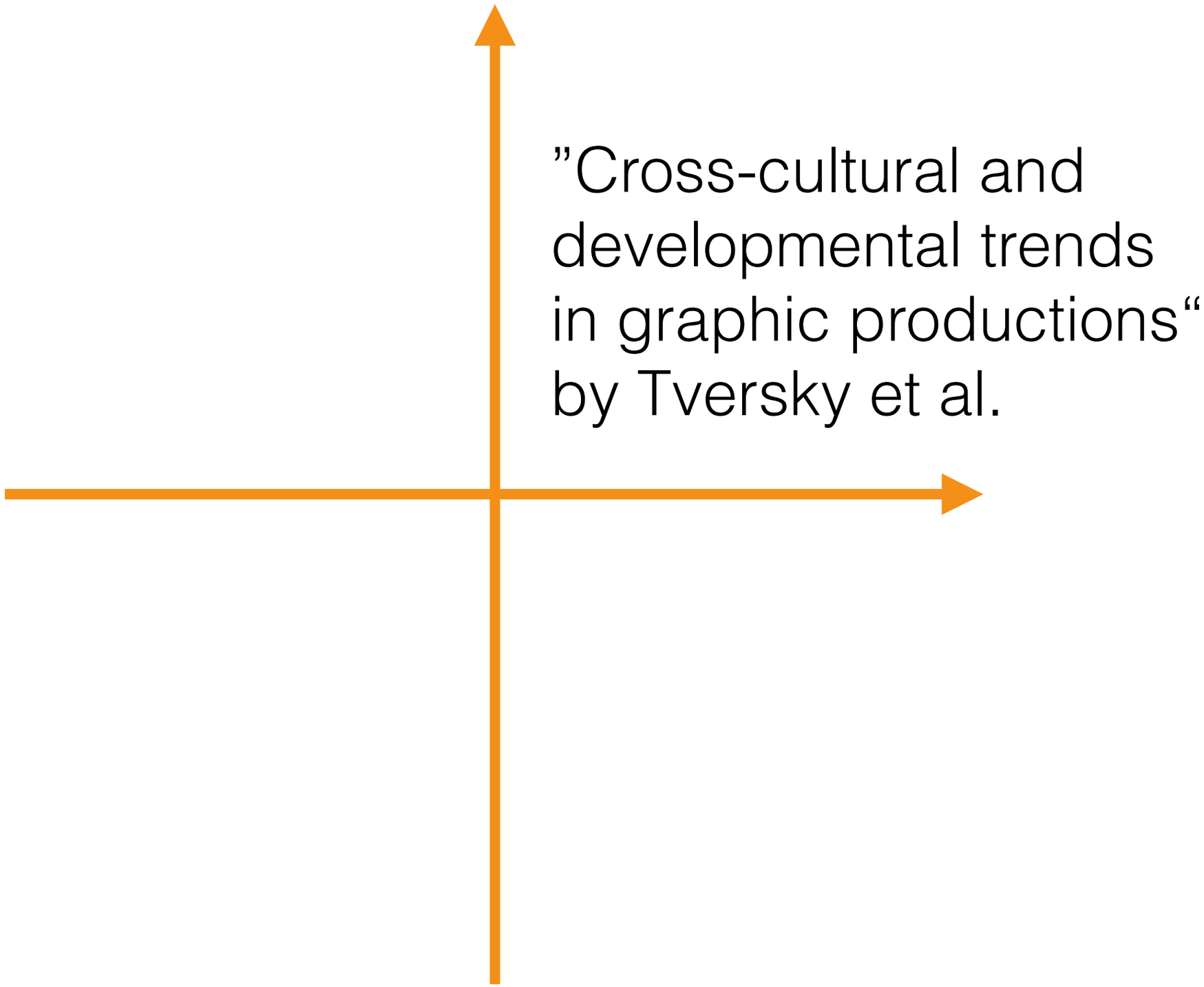
From „Understanding Comics“ by Scott McCloud

”Metaphoric structuring: understanding time through spatial metaphors” by Boroditsky

The Wednesday meeting has been moved forward two days







”Cross-cultural and developmental trends in graphic productions“ by Tversky et al.

Breakfast

Lunch

Dinner

عشاء

dinner

غداء

lunch

الإفطار

breakfast

ארוח
ערב

dinner

ארוח
צהרים

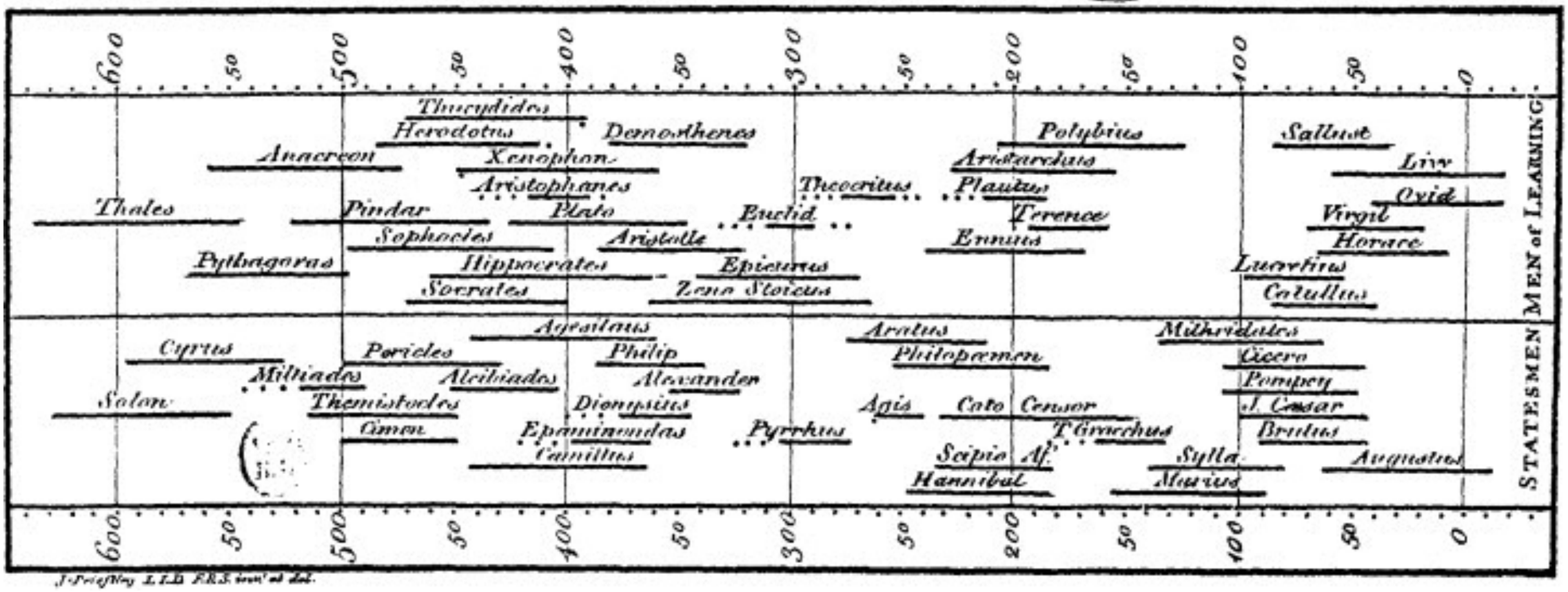
Lunch

ארוחת
בוקר

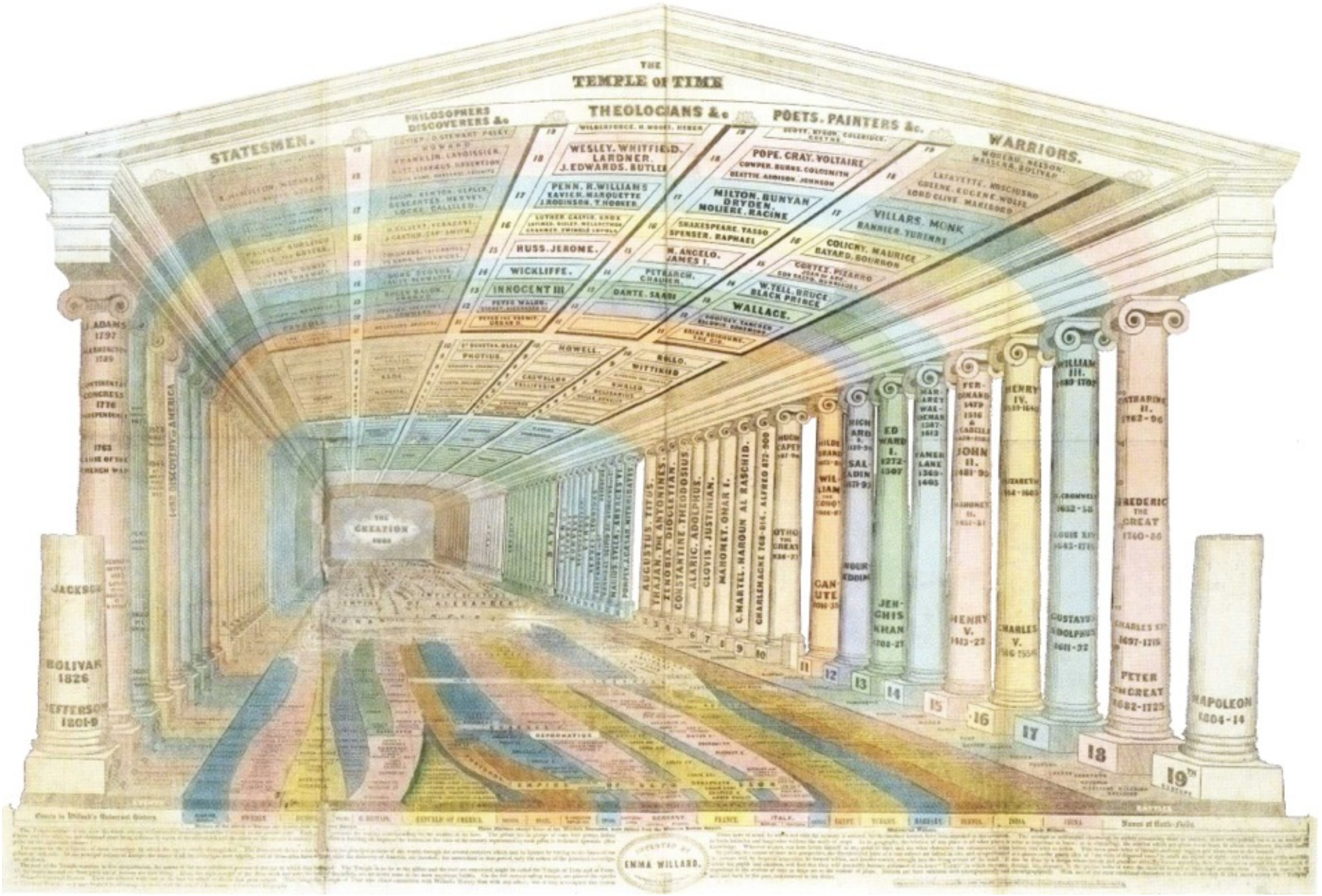
Breakfast

History

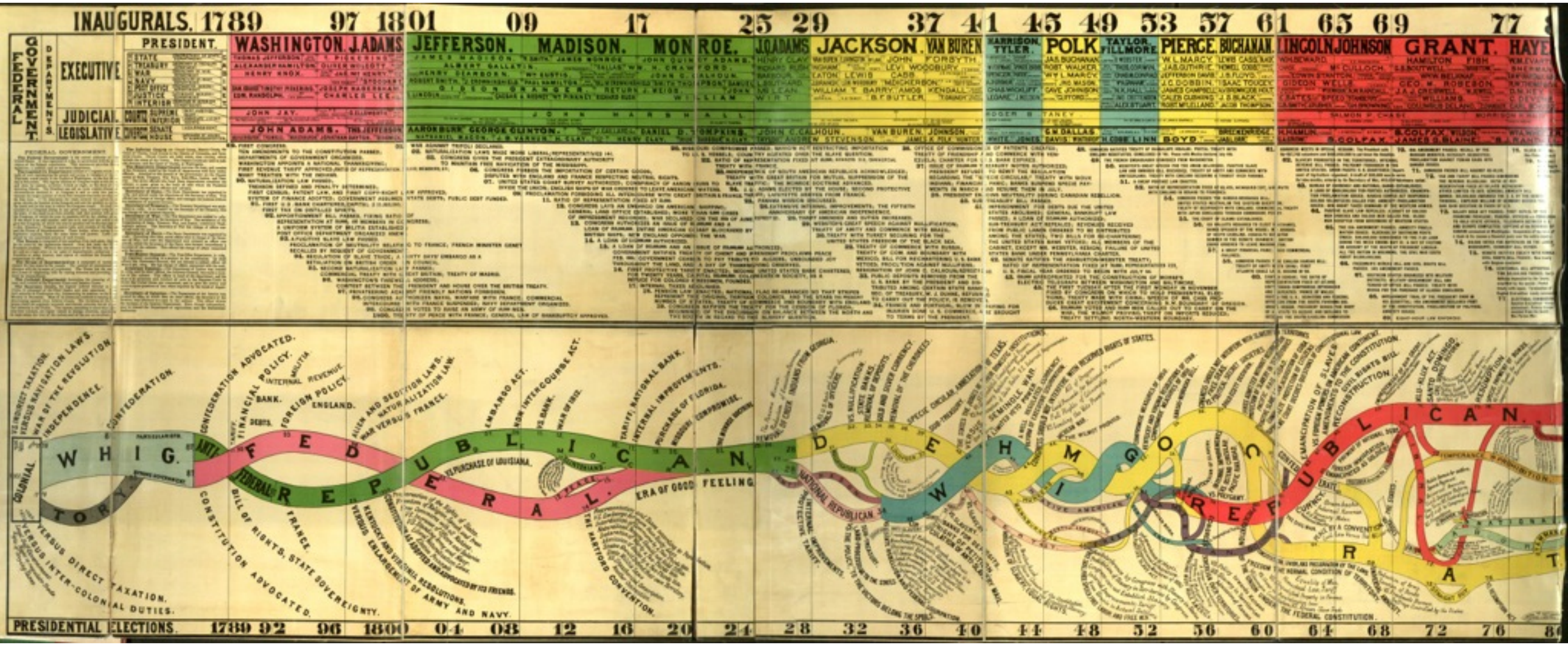
A Specimen of a Chart of Biography.



"A Specimen of a Chart of Biography" from Joseph Priestley, 1765



”The Temple of Time” by Emma Willard, 1846



”The History of the Political Parties“ by unknown designer, around 1894

Recent Examples

”ChronoZoom“ from the University of California, Berkeley

TIMELINE

The Higgs, From Theory to Reality

Previous | Next

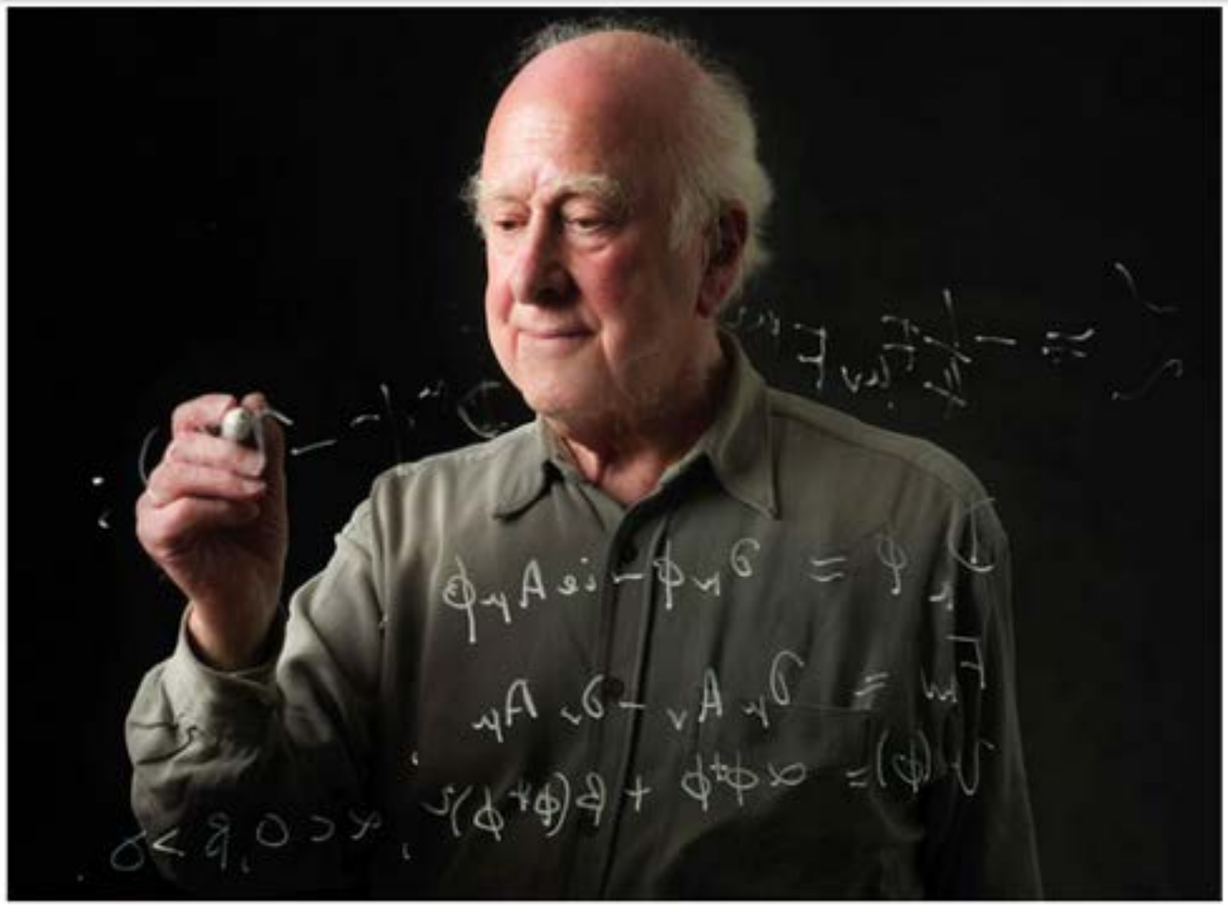
1961 1964 Oct. 8, 2013

1964

Higgs and the Others Invent 'Field'

Peter Higgs suggests that elementary particles sweep up their masses from an invisible energy field – now known as the Higgs field – permeating space, and predicts the existence of a new particle, the Higgs boson. Two other groups of physicists, Robert Brout and François Englert from the Université Libre de Bruxelles and Gerald Guralnik, Carl R. Hagen and Tom Kibble from Imperial College, London, described the same process in separate papers, also in 1964.

- Peter Higgs's October 1964 Scientific Paper (PDF)

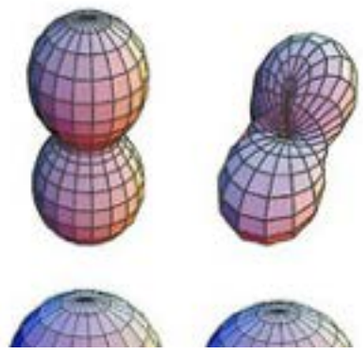


Peter Higgs in 2012. Gavin Rodgers/Rex Features, via Associated Press

Quarks Named

Murray Gell-Mann and George Zweig independently suggest that protons and other heavy particles like neutrons are composed of smaller bits that Dr. Gell-Mann calls quarks. Dr. Gell-Mann took the word "quark" from a line in "Finnegans Wake" by James Joyce: "Three quarks for Muster Mark!"

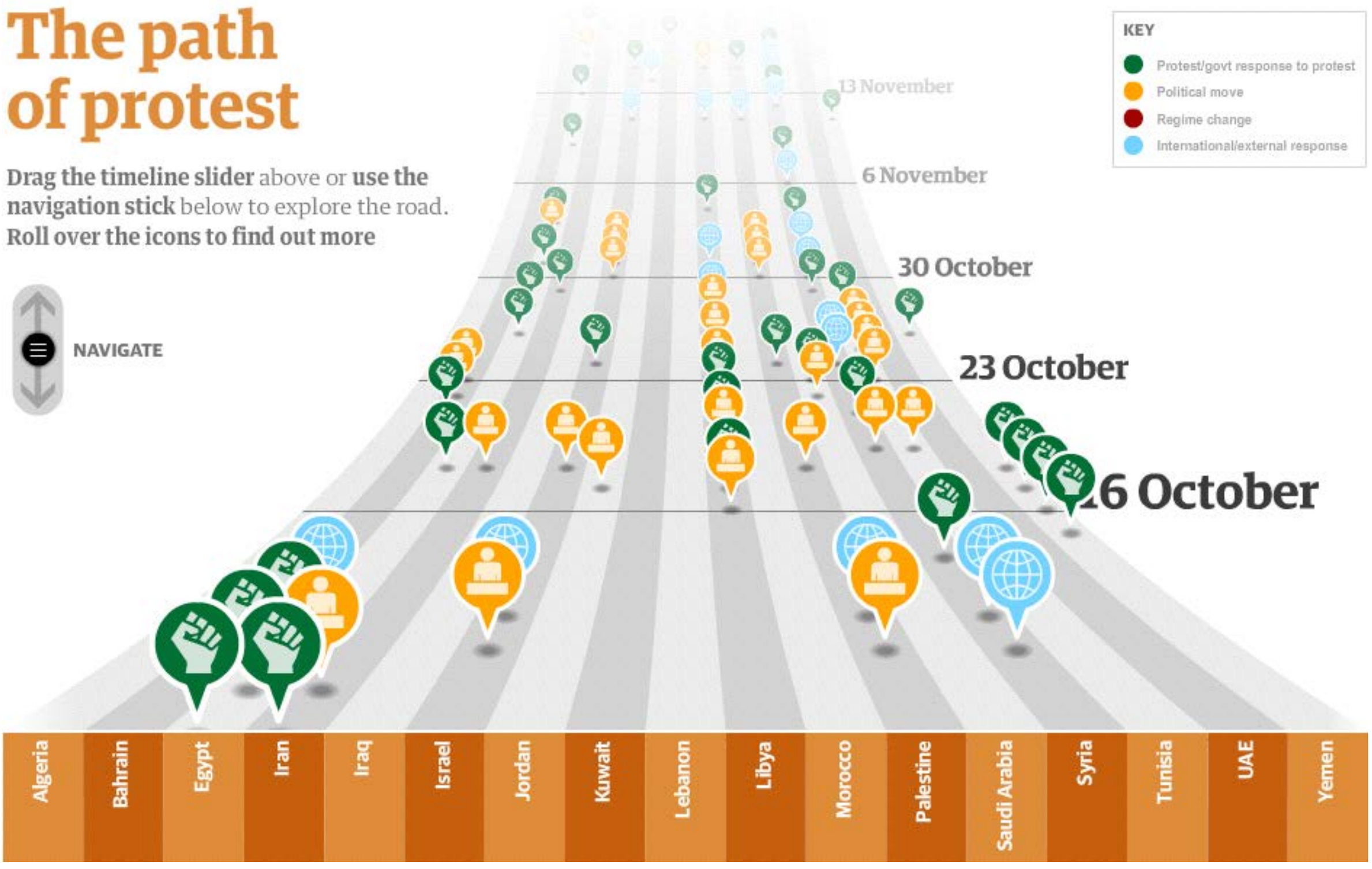
- Q&A: What is a Quark?
- Physicists Hunt for 'Quark' in the Sky (April 26, 1966; PDF)
- Murray Gell-Mann on Ditching What 'Everybody Knows'



Timeline from the *New York Times* (March 2013)

The path of protest

Drag the timeline slider above or **use the navigation stick** below to explore the road. **Roll over the icons to find out more**



Timeline from *The Guardian* (January 2012)

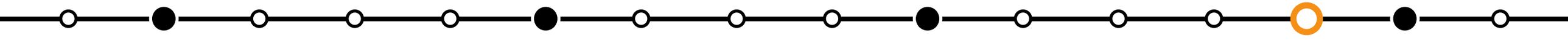
Benefits for Newspapers

Overview

Chronological Understanding

Comparison

Guidance



Tools

For non-programmers

Timerime

Dipity

For technophiliac semi-programmers

TimelineJS

Google Charts Timeline

For programmers

SIMILE

d3-timeline

Questions?