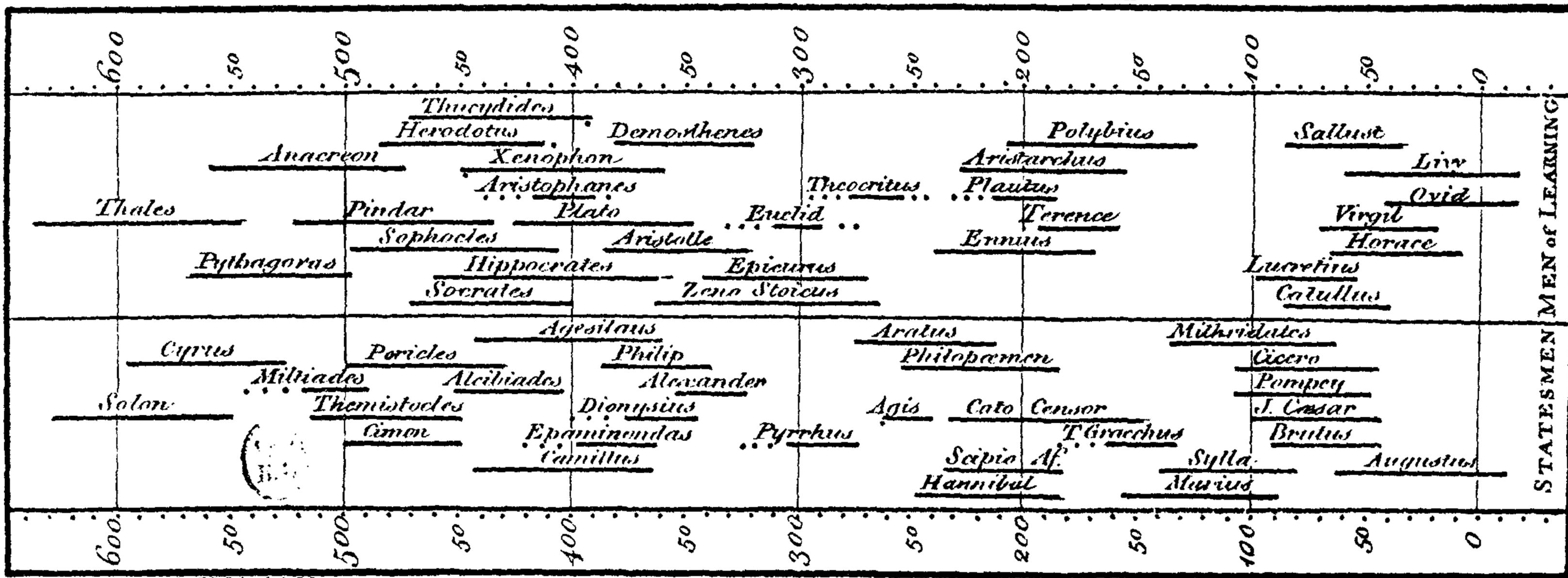


Expressive Storytelling with Timelines

Lightning Talk @ Dagstuhl Seminar 16061: Data-Driven Storytelling

by **Matt Brehmer**, Bongshin Lee, Benjamin Bach, Nathalie Henry Riche, & Tamara Munzner.

A Specimen of a Chart of Biography.

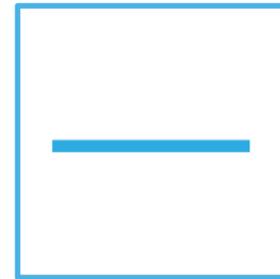


J. Priestley L.L.D. F.R.S. inv. et del.

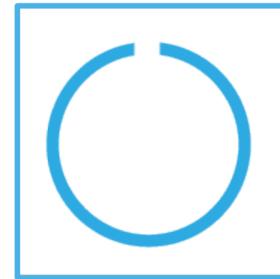
Joseph Priestley's "A Chart of Biography" (1769)

Timeline storytelling design space

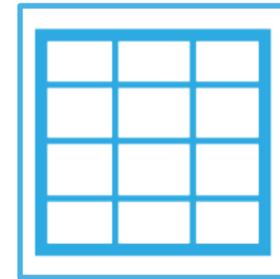
Representation



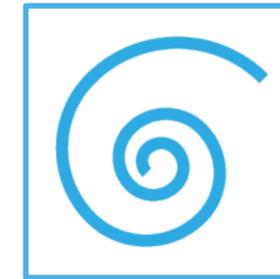
Linear



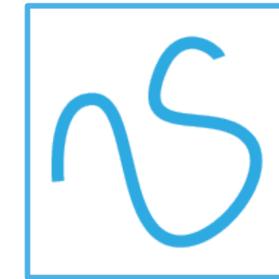
Radial



Grid



Spiral

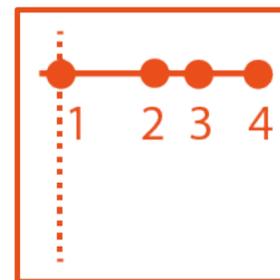


Arbitrary

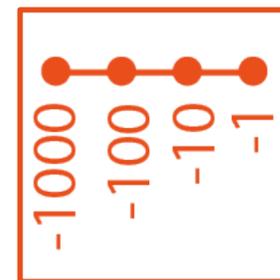
Scale



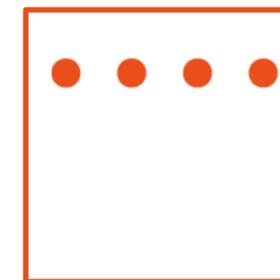
Chronological



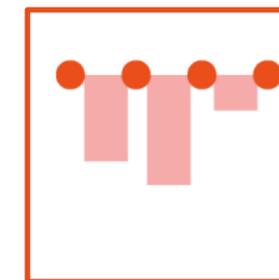
Relative



Logarithmic



Sequential



Sequential +
Interim
Duration

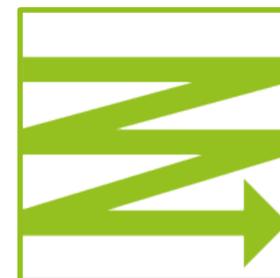
Layout



Unified
(single
timeline)



Faceted
(multiple
timelines)



Segmented
timeline



Faceted +
Segmented

Timeline narrative points

Chronology & duration of events

Types of events

Number & distribution of events

Chronological range

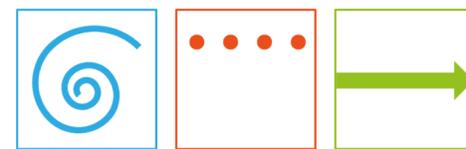
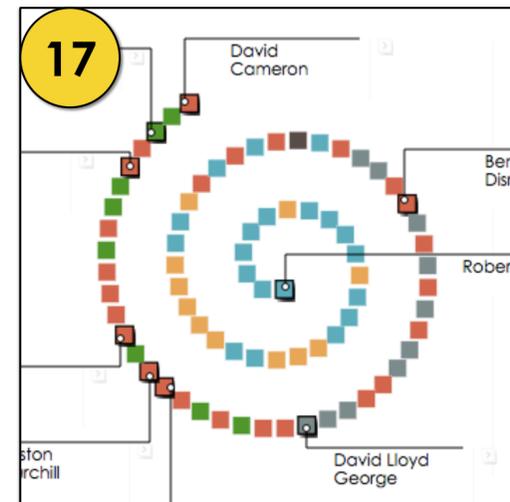
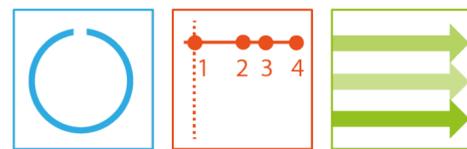
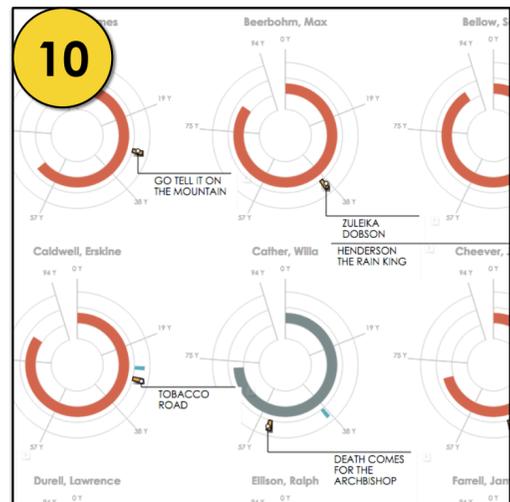
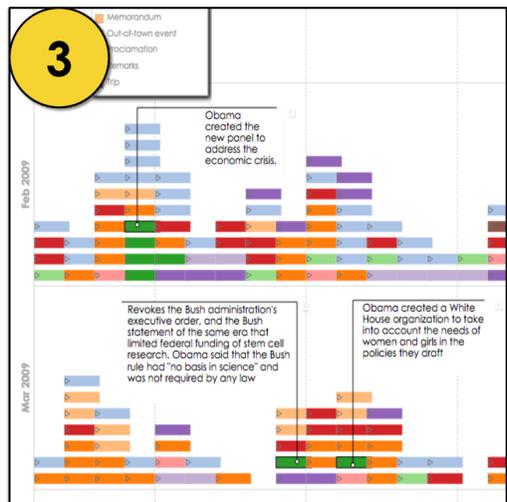
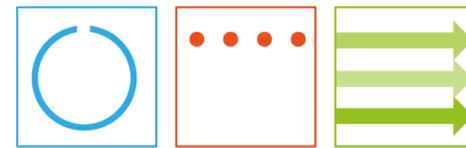
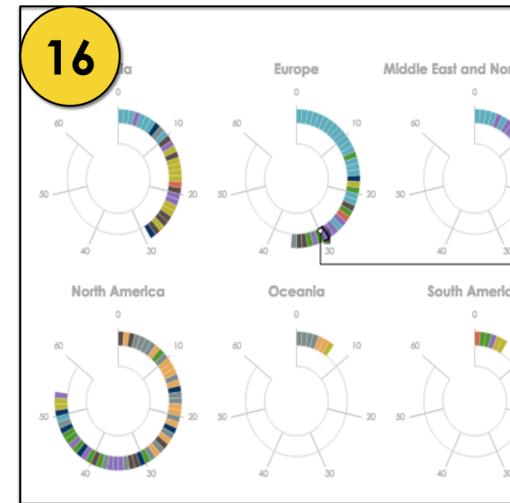
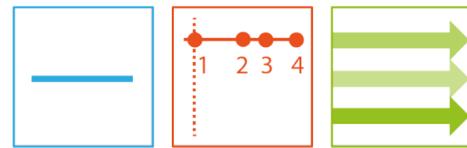
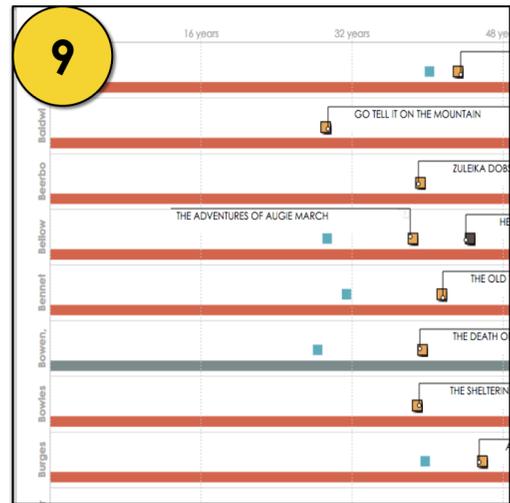
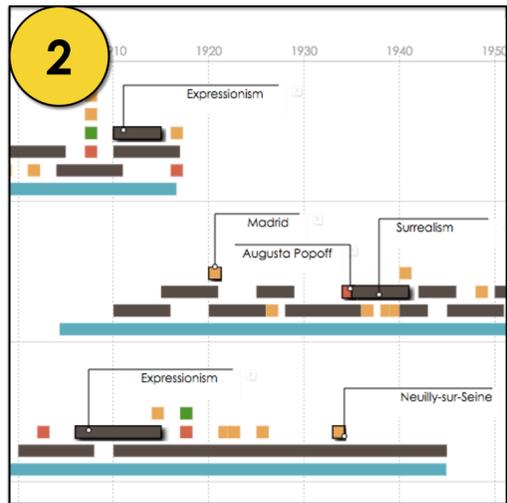
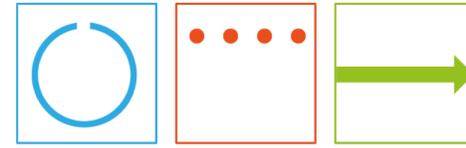
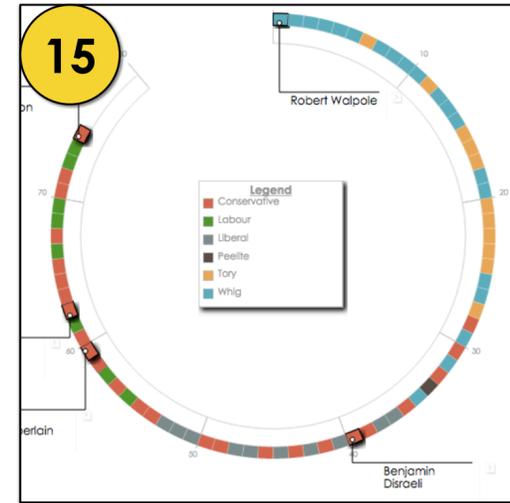
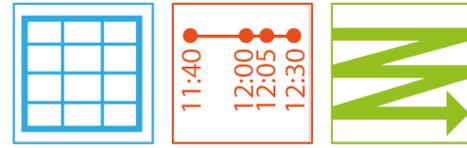
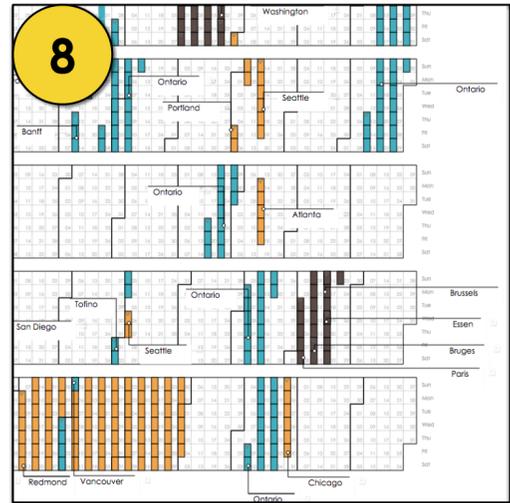
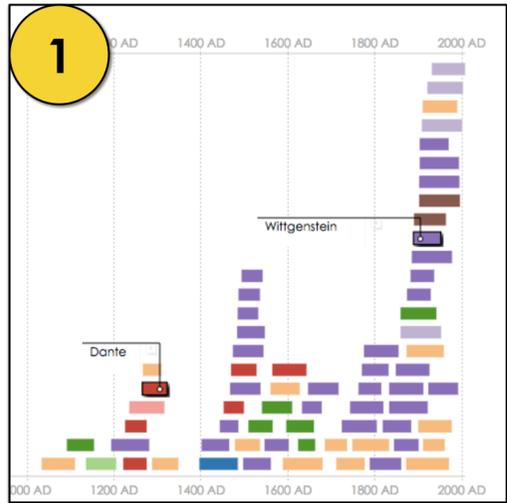
Sequences of events

Periodic repetition (and deviations)

Daily, seasonal cycles

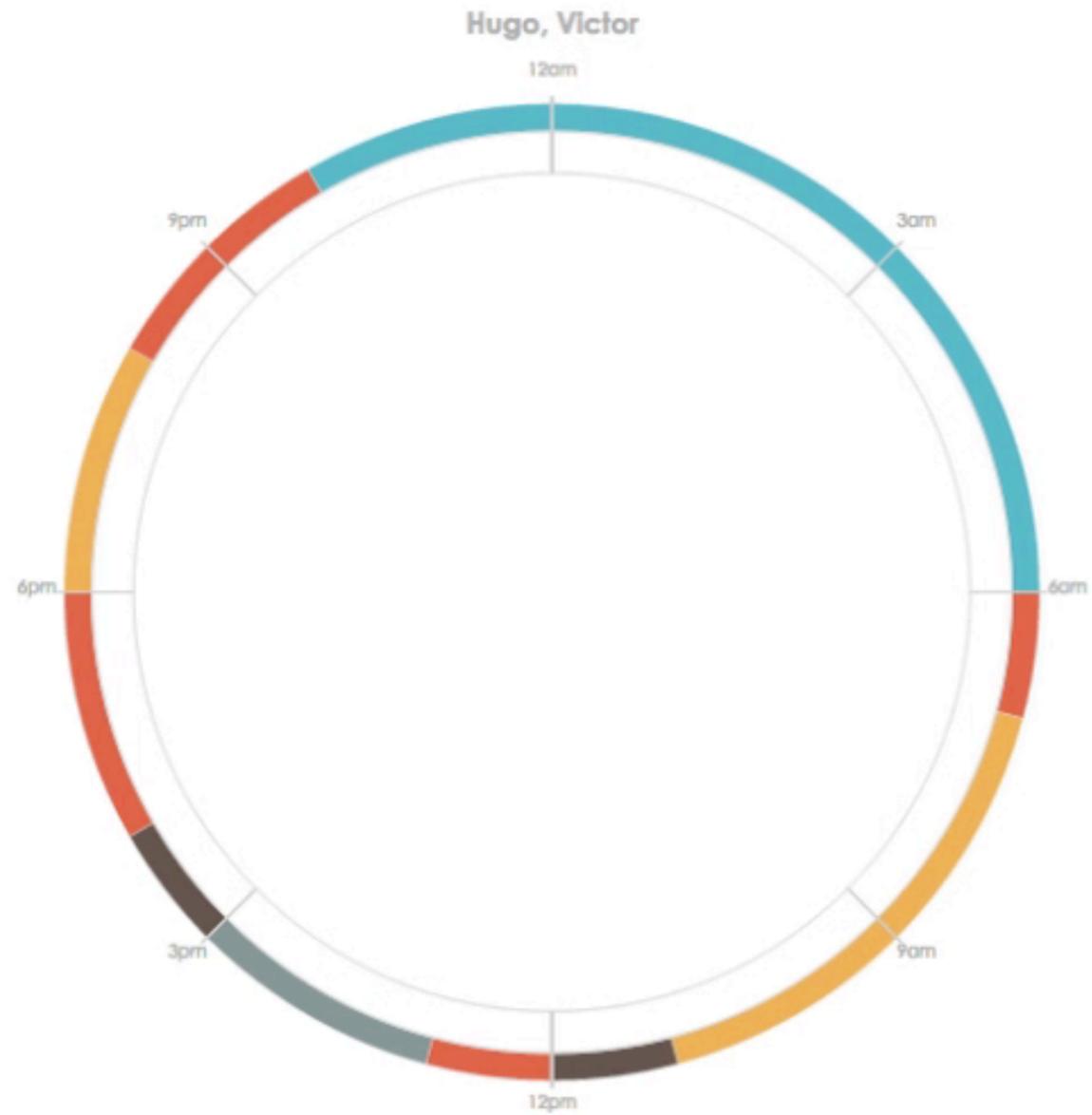
Synchronicity / co-occurrences

20 recommended timeline designs



Timeline story: Routines of creative people

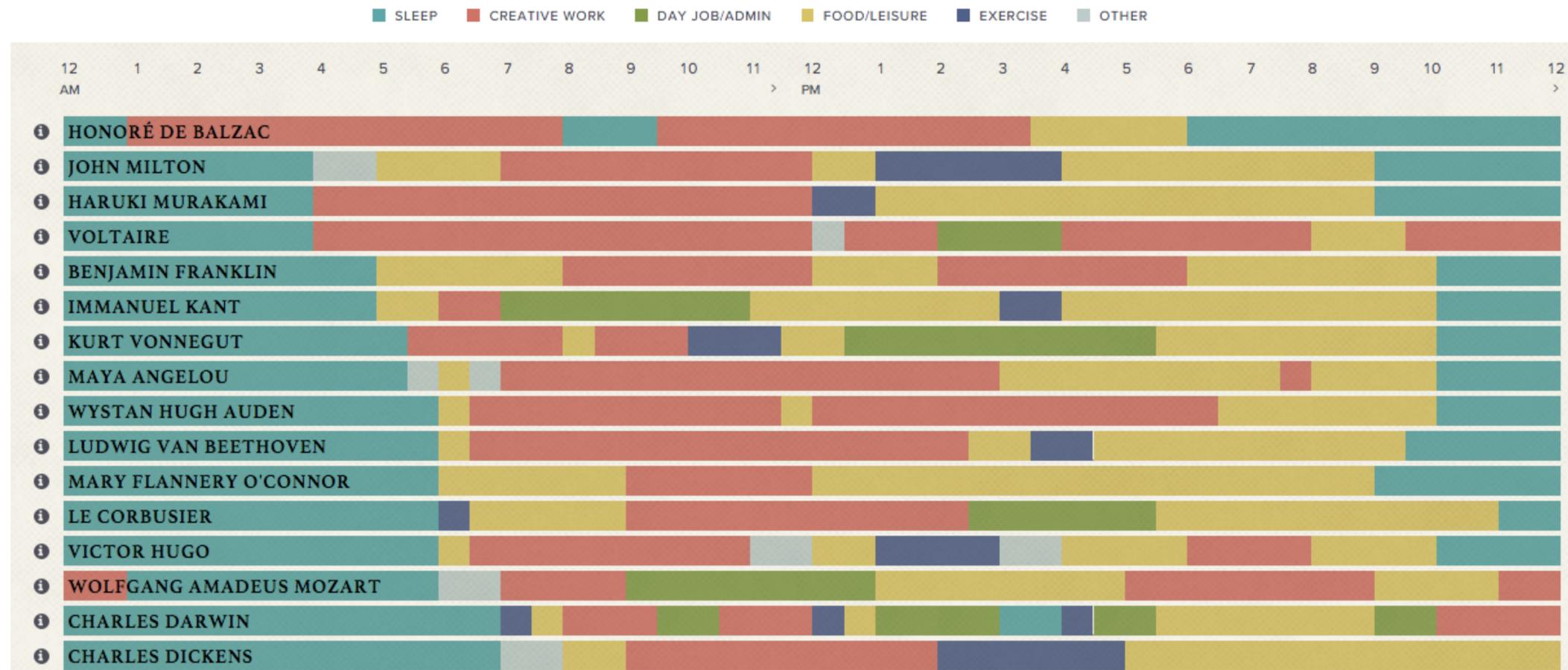
Consider the daily routine of Victor Hugo, French poet, novelist, and dramatist (1802 – 1885)



Infographic: Routines of creative people

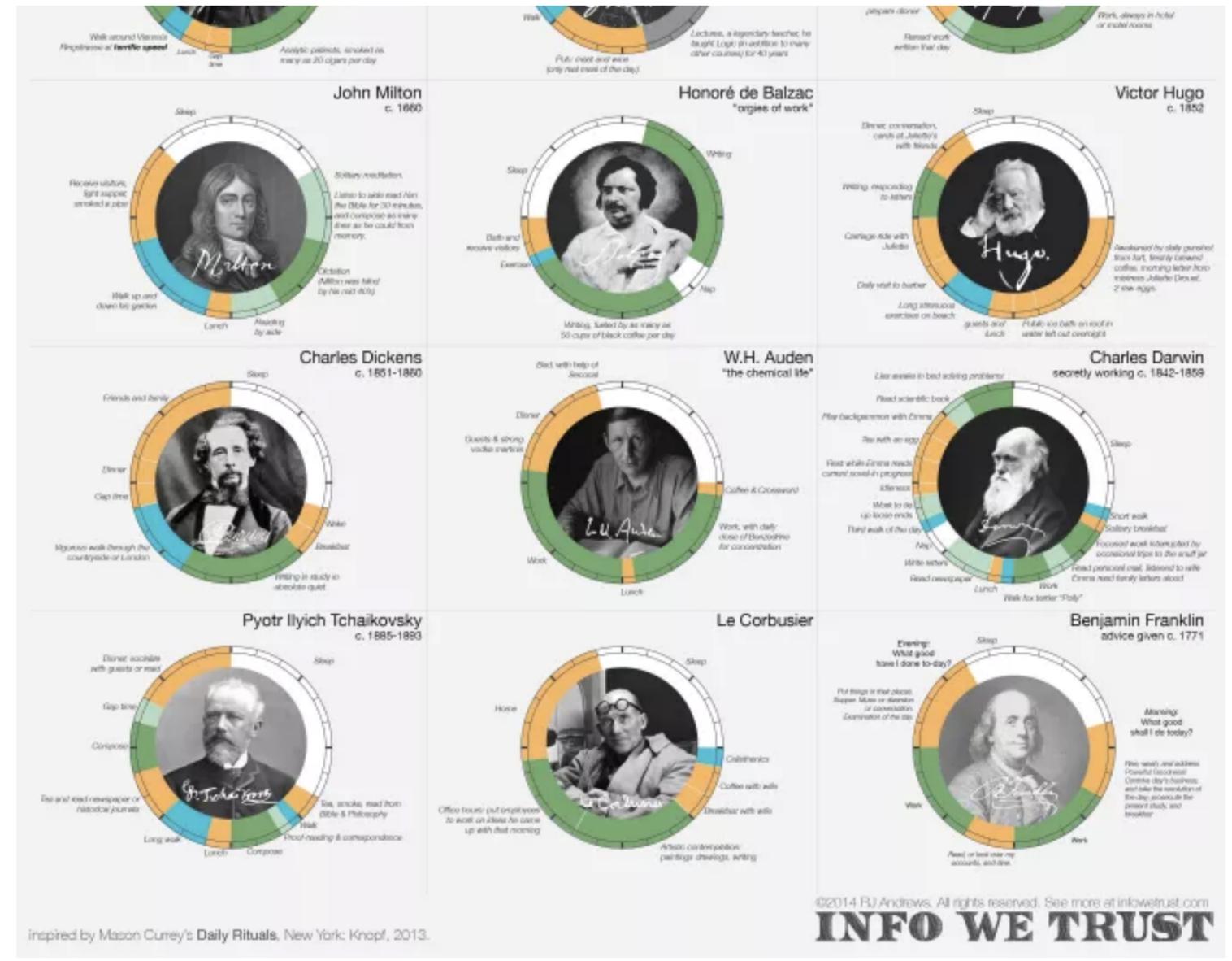
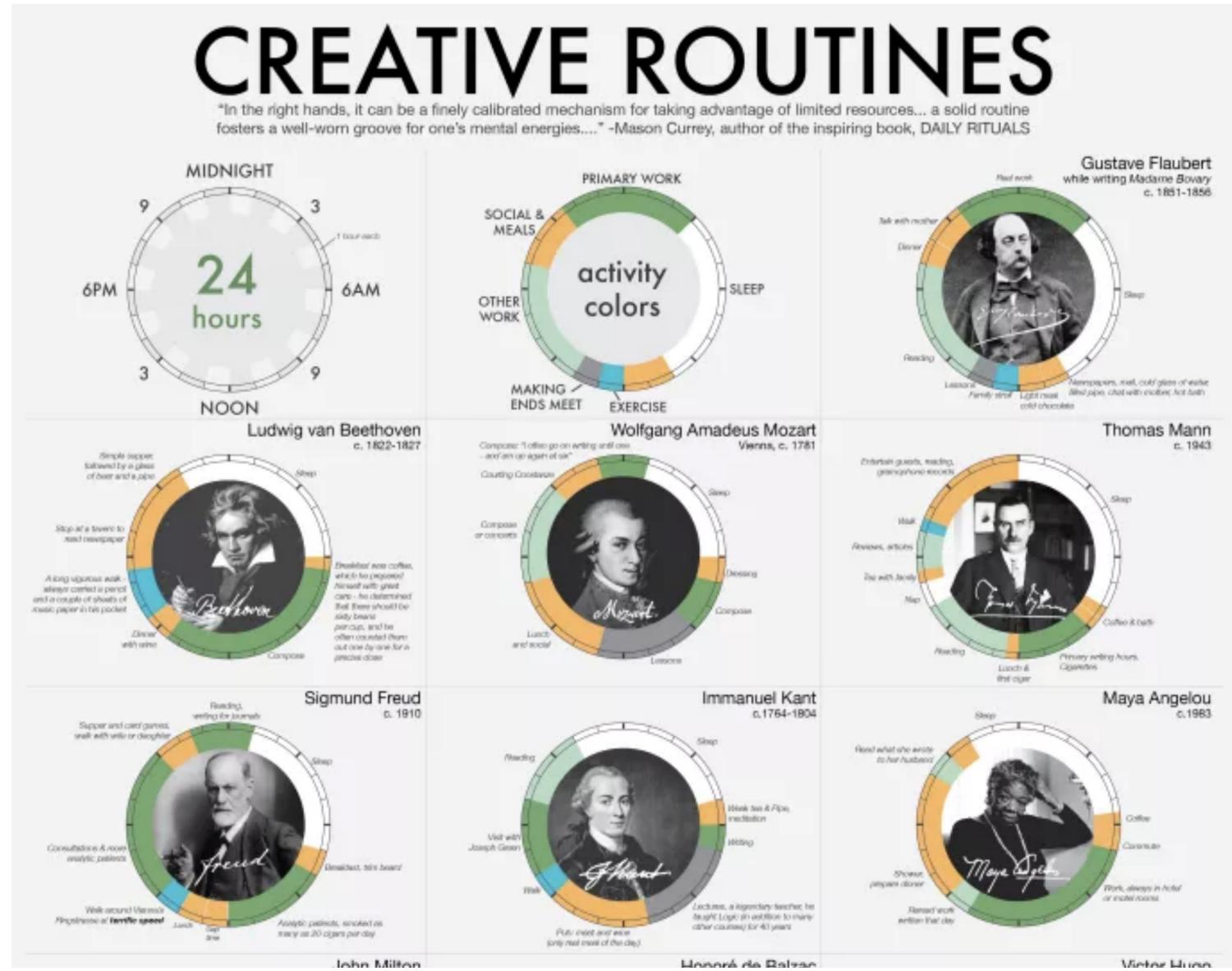
THE DAILY ROUTINES OF FAMOUS CREATIVE PEOPLE

Turns out great minds don't think alike. Discover how some of the world's most original artists, writers and musicians structured their day, based on 'Daily Rituals' by Mason Currey. Filter the different categories by toggling on or off, and hover over the colored bars to learn more about the daily routines.



Podio. <https://podio.com/site/creative-routines>

Infographic: Routines of creative people



RJ Andrews (2014). <http://www.infowetrust.com/creative-routines/>