project 2

week 2
exploring points of views

with Martha & Marieke

WEEK 2 - ASSIGNMENT 2a:

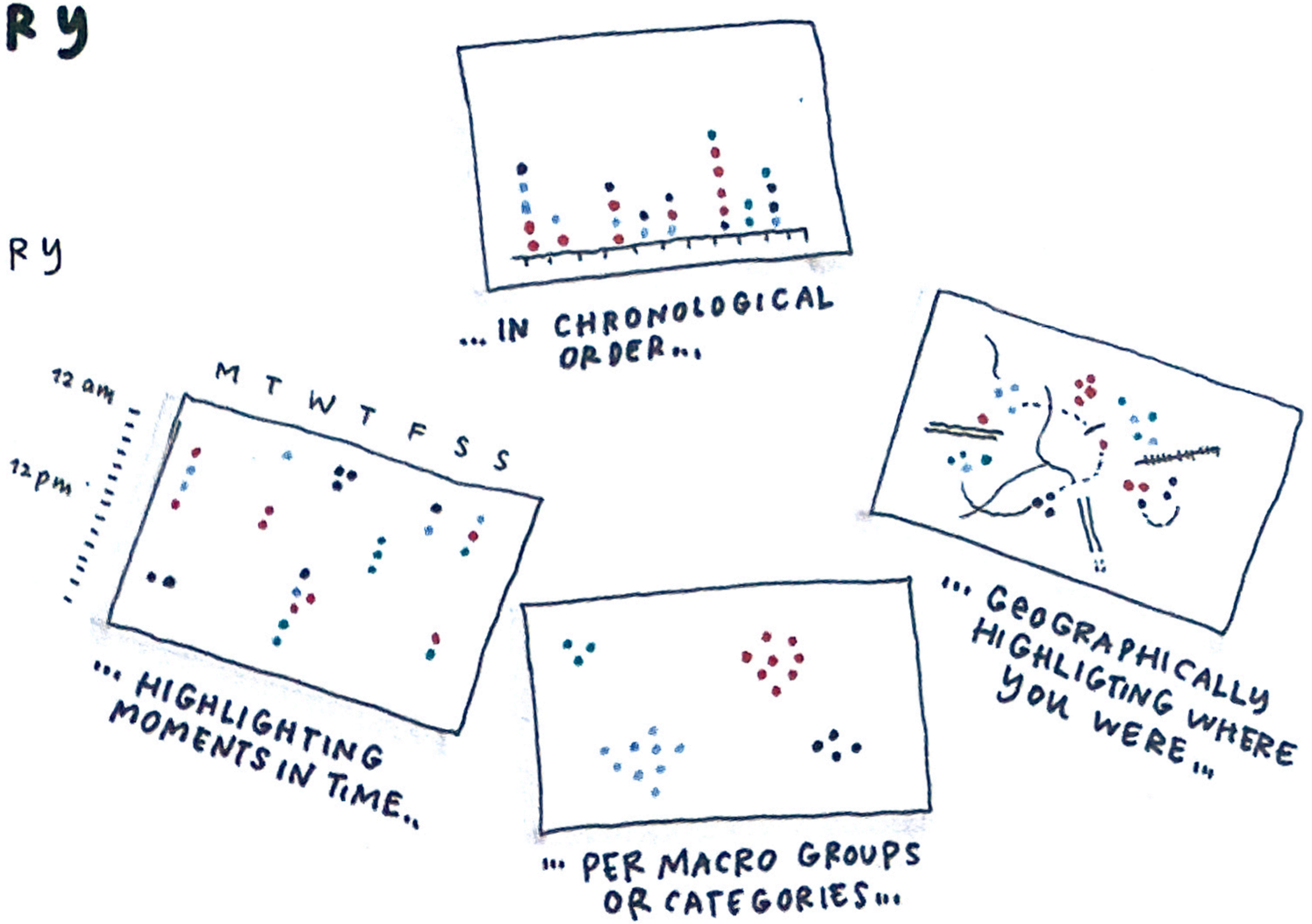
find the main story and explore ideas to visualise it

- From the data you have organised last week, decide what is the main story that will support your final data visualisation. Write down this story or make a storyboard of it.
- Make at least four 2D data visualisations that communicate that story from different approaches. Your audience is people from your own country. You may use simple shapes to visualise the data but you could also use drawings of physical objects.

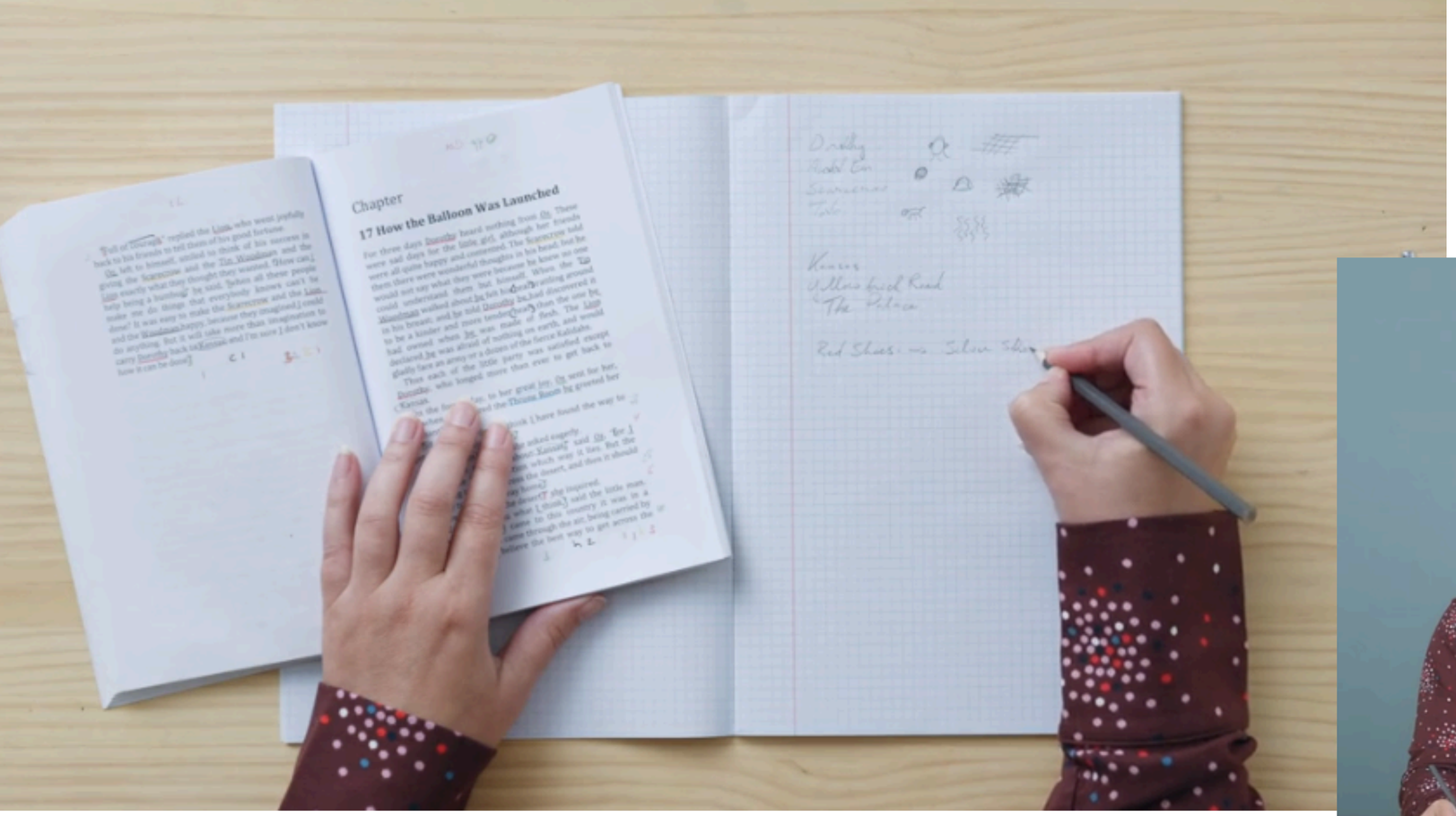
Output (on the Miro board - week 2):
Post your four 2D data visualisations about the impact of rising water levels on humans

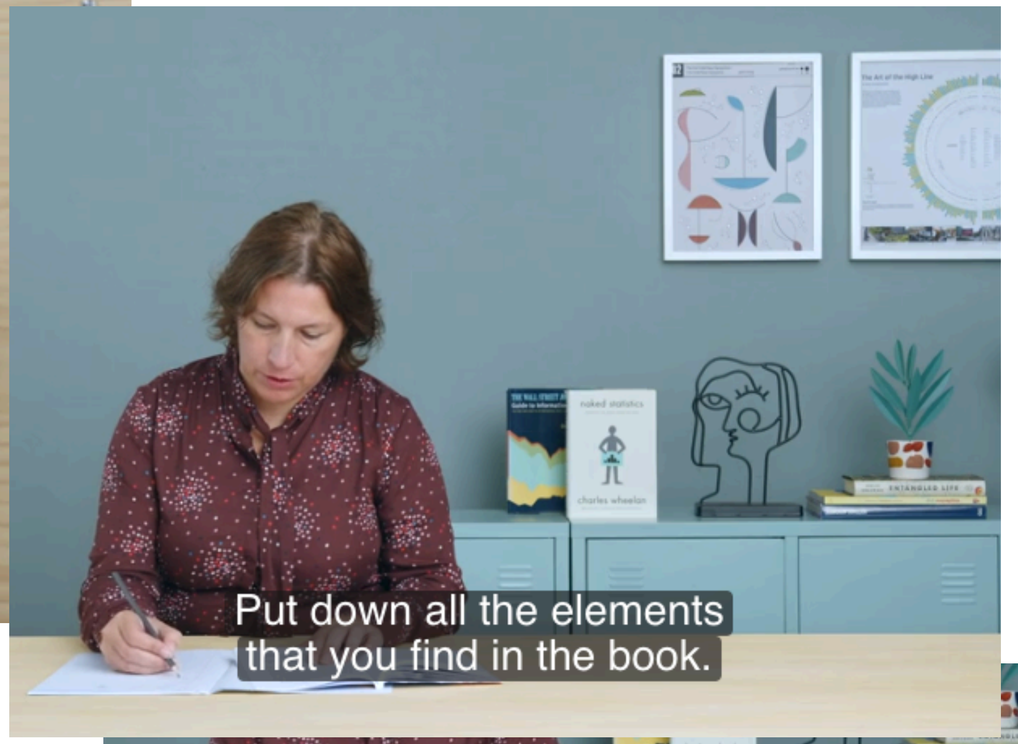
FIND THE MAIN STORY

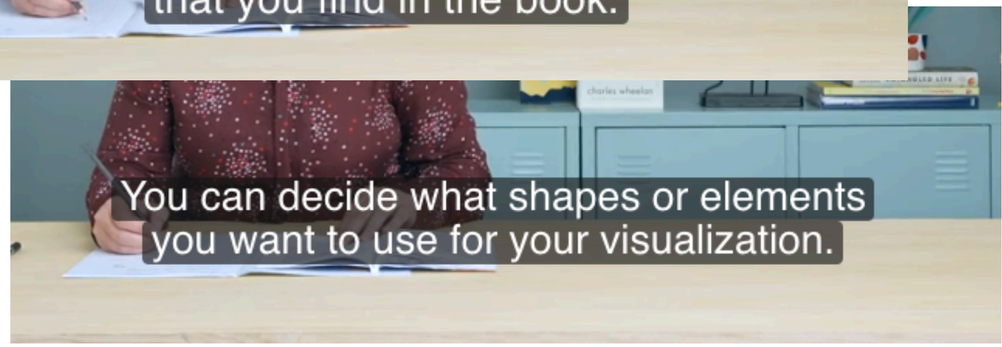
STARTING WITH PATTERNS DISCOVERED IN THE DATA, DECIDE WHAT THE MAIN STORY IS FOR THE DRAWING. FINDING THE DATA'S FOCUS HELPS DECIDE THE LAYOUT OF A DATA DRAWING.



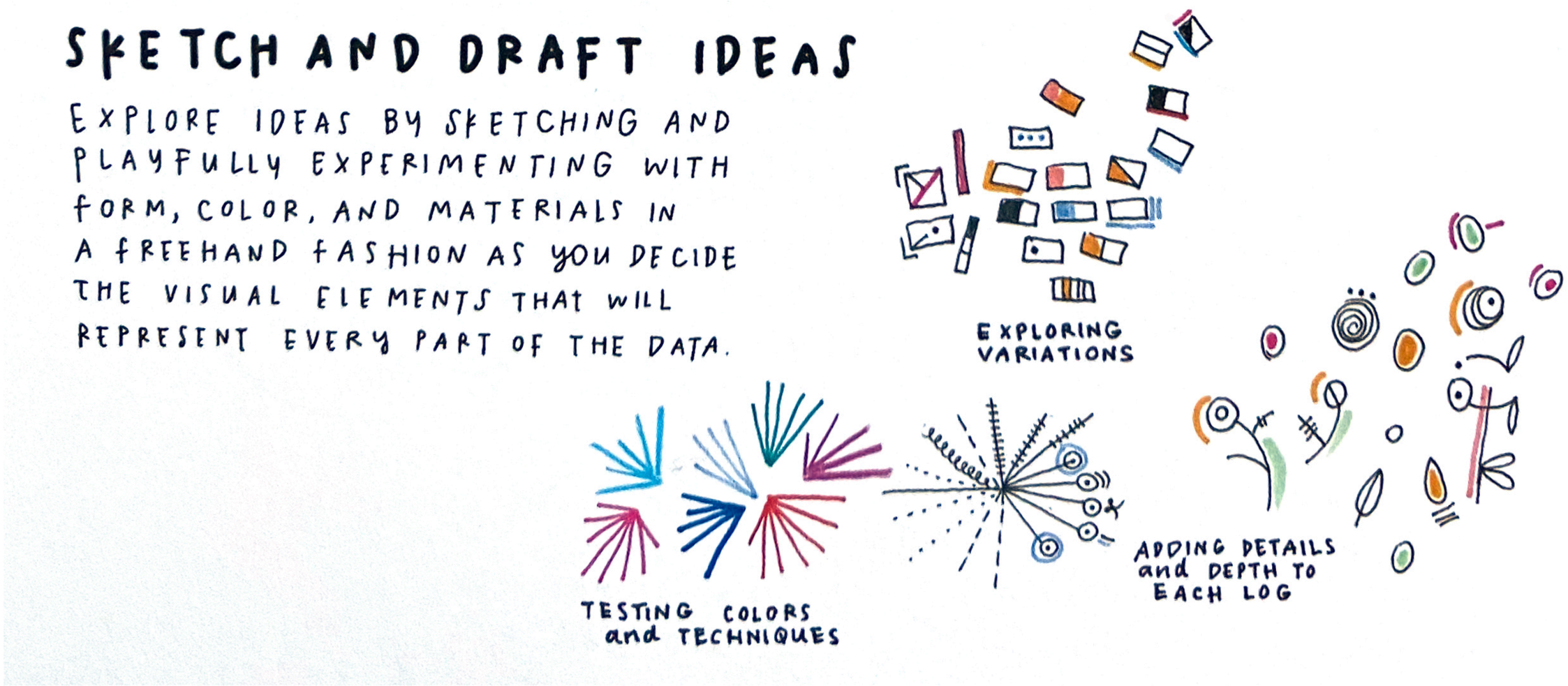
Source:
Observe, Collect, Draw!: A Visual Journal
Georgia Lupi & Stefanie Posavec







Source: Effective Data Visualization: Transform Information into Art ,
Sketching and Storyline. *Sonja Kuijpers*
https://www.domestika.org/en/courses/3069-effective-data-visualization-transform-information-into-art/units/11827-creating-a-poster



Source:
Observe, Collect, Draw!: A Visual Journal
Georgia Lupi & Stefanie Posavec

Video as inspiration: Sketching as a crucial part of Duncan Geere's data visualization process. (7:30)
https://www.youtube.com/watch?v=9bXtbchXvZ0

WEEK 2 - ASSIGNMENT 2b:

built your own "physical visual vocabulary"

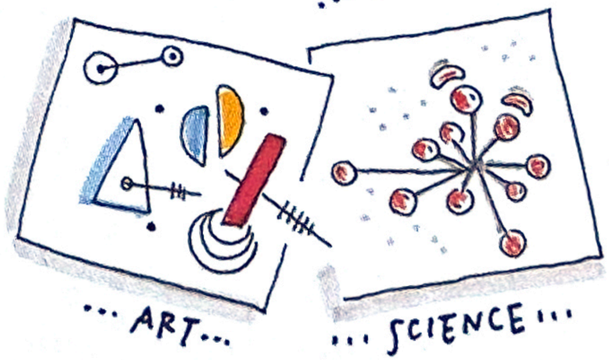
Which physical objects could you use to visualise the data? Think about the communicative power of the inherent properties in objects (e.g. shape, colour, material, size) but think also about the possibility of using objects in a metaphoric way according with your own culture. Make pictures or drawings of suitable objects to built your own "physical visual vocabulary".

Output (on the Miro board - week 2):

- Individually: post your set of pictures (or drawings) with the "physical visual vocabulary" you have in mind.
- Present it this week to your fellow students and ask them their feedback. If you want to use objects in a metaphoric way, check if the intended meaning you have thought clear is to them.

GET VISUALLY INSPIRED

LOSE YOURSELF IN IMAGES, USING THE AESTHETIC QUALITIES OF THE FEATURES YOU ARE ATTRACTED TO AS A VISUAL INSPIRATION FOR THE DRAWING.



Source: Observe, Collect, Draw!: A Visual Journal, *Georgia Lupi & Stefanie Posavec*

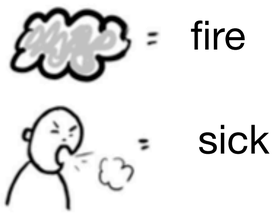
SIGN THEORY

3 CATEGORIES OF SIGNS:

- **ICONS**
  Simplified image of reality

- **SYMBOLS**
  Based on rules,
  Cultural dependant

- **INDEX**
  Has a relation with the subject without resamblance



- **METAPHORES**

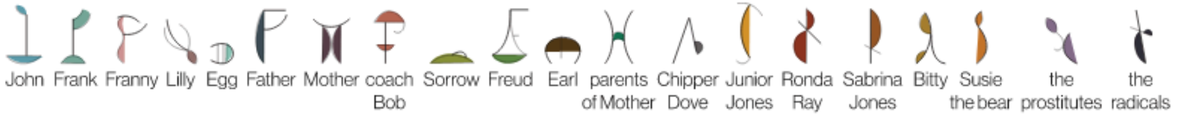
→ Image synonym

→ Visual translation of complex and abstract concepts

→ This makes me think of...

Source:
https://debetekenaar.nl/

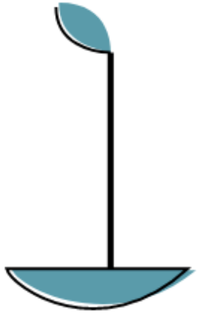
The characters



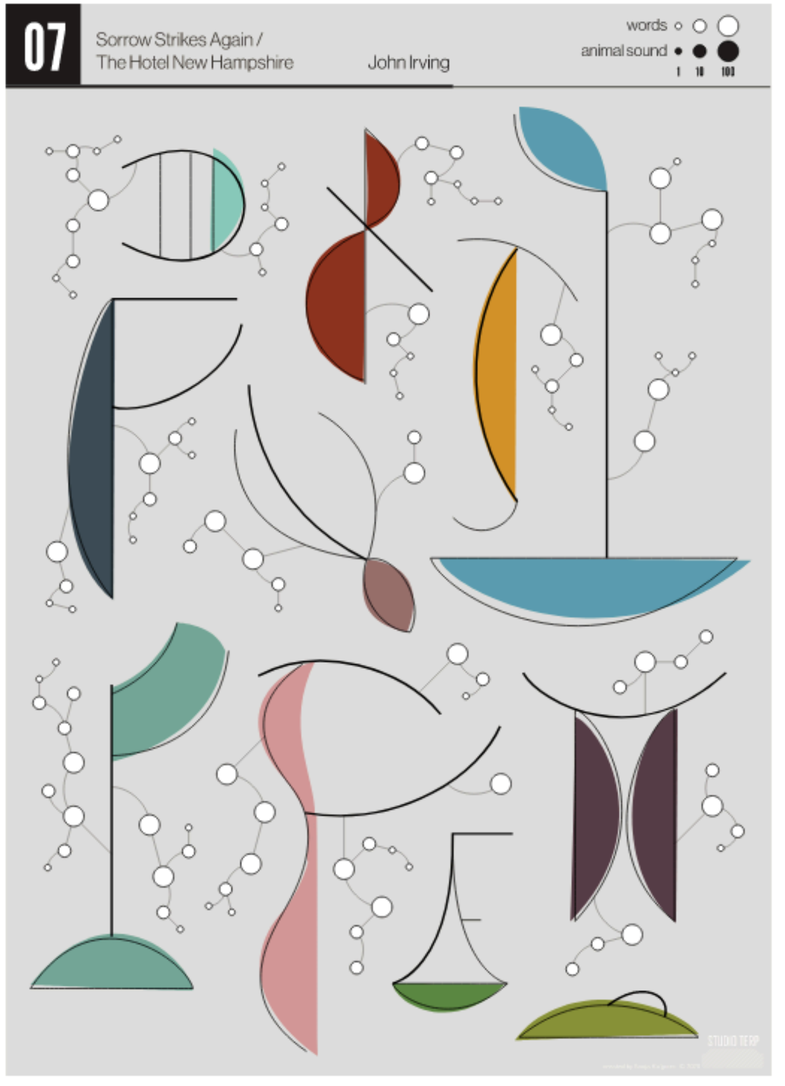
The size of the figures

The visuals (chapters) show several figures which represent the different characters who play an important role within that chapter. The figures are proportionally scaled according to the number of actions they carry out within that chapter (the chapters are therefore not comparable to each other).

small number of actions

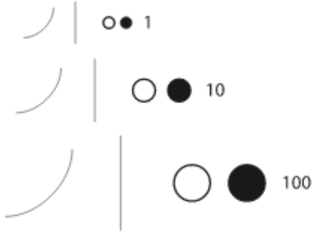


larger number of actions



The dots and lines

Dots ○ represent the amount of words spoken by a character within the chapter (● are animal sounds). The dots are attached to the concerned figure by straight and/or bended lines which are rotated 45 or 30 degrees either way.



Source: The Hotel New Hampshire, a data-art project *Sonja Kuijpers* https://www.studioterp.nl/the-hotel-new-hampshire-a-data-art-project-by-studio-terp/

Reminder: start spotting locations!

Search for grids in the public space and explore possibilities to place real objects on them to visualise data.

Work as a film director! Spend time looking for suitable public locations in your hometown where you could exhibit your physical data visualisation at the end of the project.
Take pictures from those locations; they will not only help you as a source of inspiration, but will you will also need them as a context when making and showing a mock-up (prototype) of your physical data visualisation.

Search for grids

Spot locations and take pictures