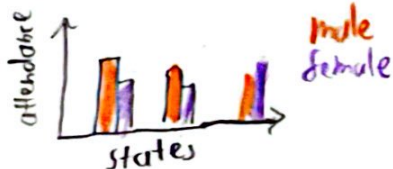
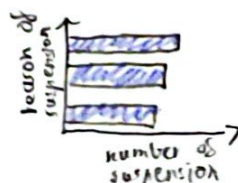
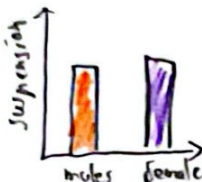
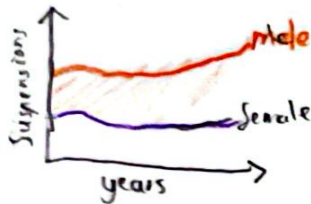


# IDEAS

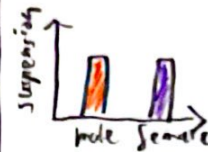
Education level



Education level



## FILTER



• To simplistic could be represented better



• Could be shown in a more clear way

## CATEGORIZE

Australia funding

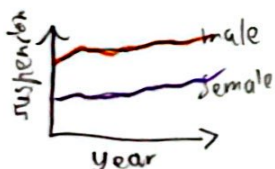


Australia educational scores



Discipline

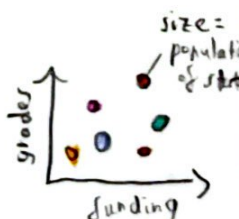
- Attendance
- Suspensions



+ Area chart for emphasis on total numbers



+ Another element to add extra depth

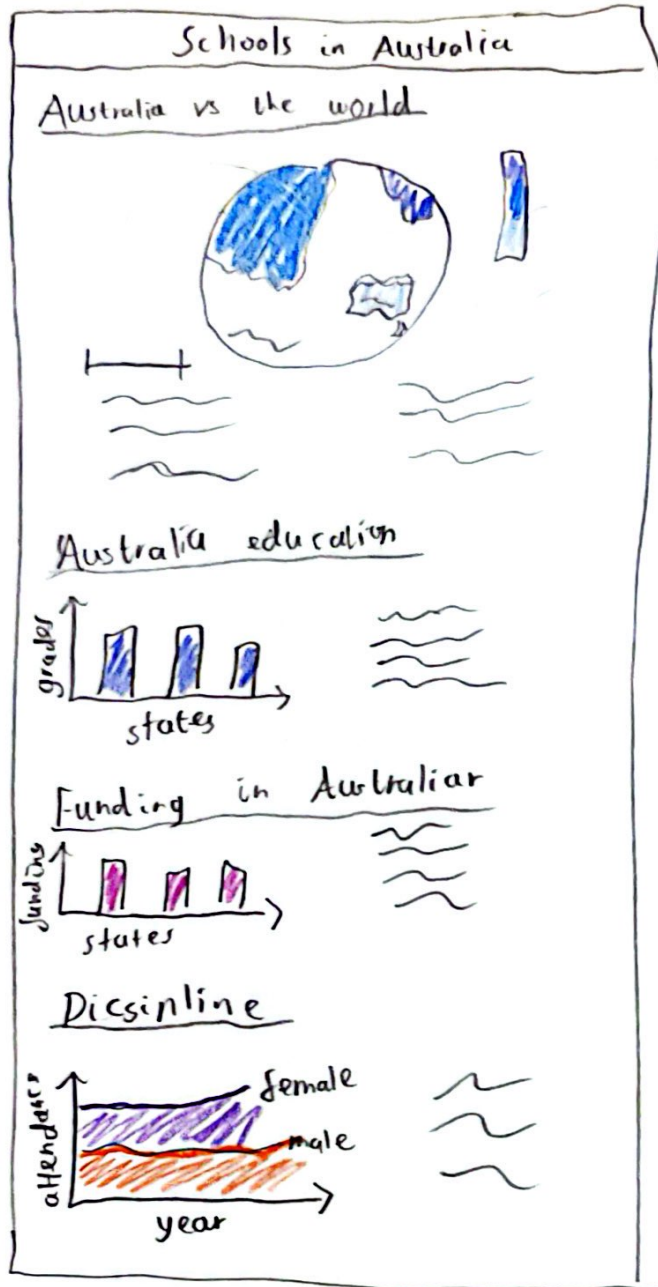


### QUESTION

- Is there a clear storytelling element?
- What is the most effective way of showing educational level in Australia

# LAYOUT

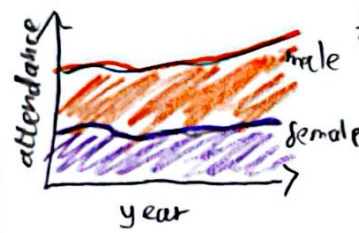
Title: Schooling in Australia  
Author: Duleesha Guparathne  
Date: 20/10/2025  
Sheet: 2



## Operations



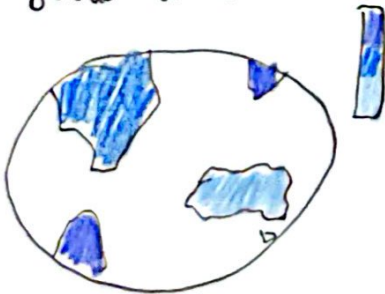
\* Will be adjustable by year



\* Filter by gender will be available

## FOCUS

Main focus is the world map



- Educational level of the world
- Map takes a lot of space on the visualisation

## Discussion

### Pros

- Shows Australia compared to the world
- Very clearly shows facts big bar charts

### Cons

- Too simplistic
- Difficulty finding data for world education.

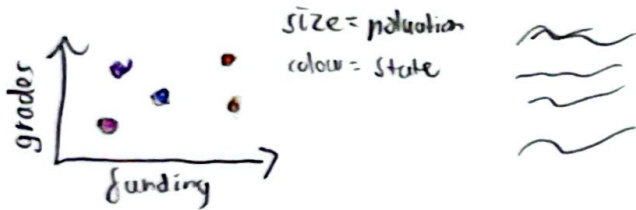


# Layout

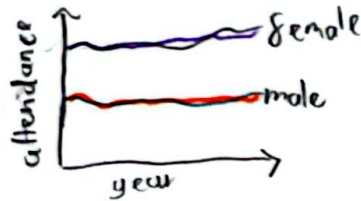
## Schooling in Australia



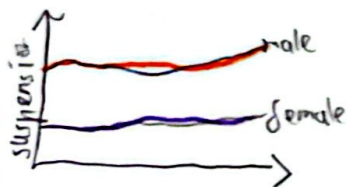
### Funding vs grades



### Attendance



### Discipline

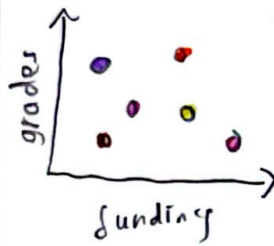


Title: Schooling in Australia

Date: 20/10/2025

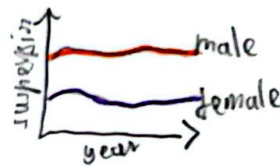
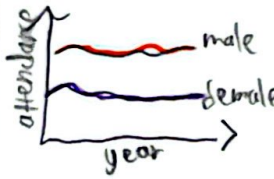
Author: Duleesha Gunaratne

Sheet: 3



colour  
= state

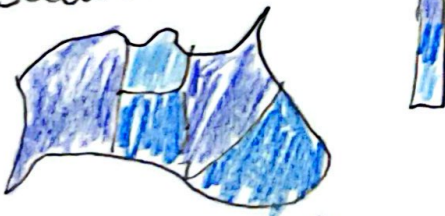
• Filter  
by states



Both these  
will be able  
to be  
filtered by  
gender

## Focus

• Map Section



\* Choropleth map of Australia and its educational level across states

\* Gives a good overview of the country

## Discussion

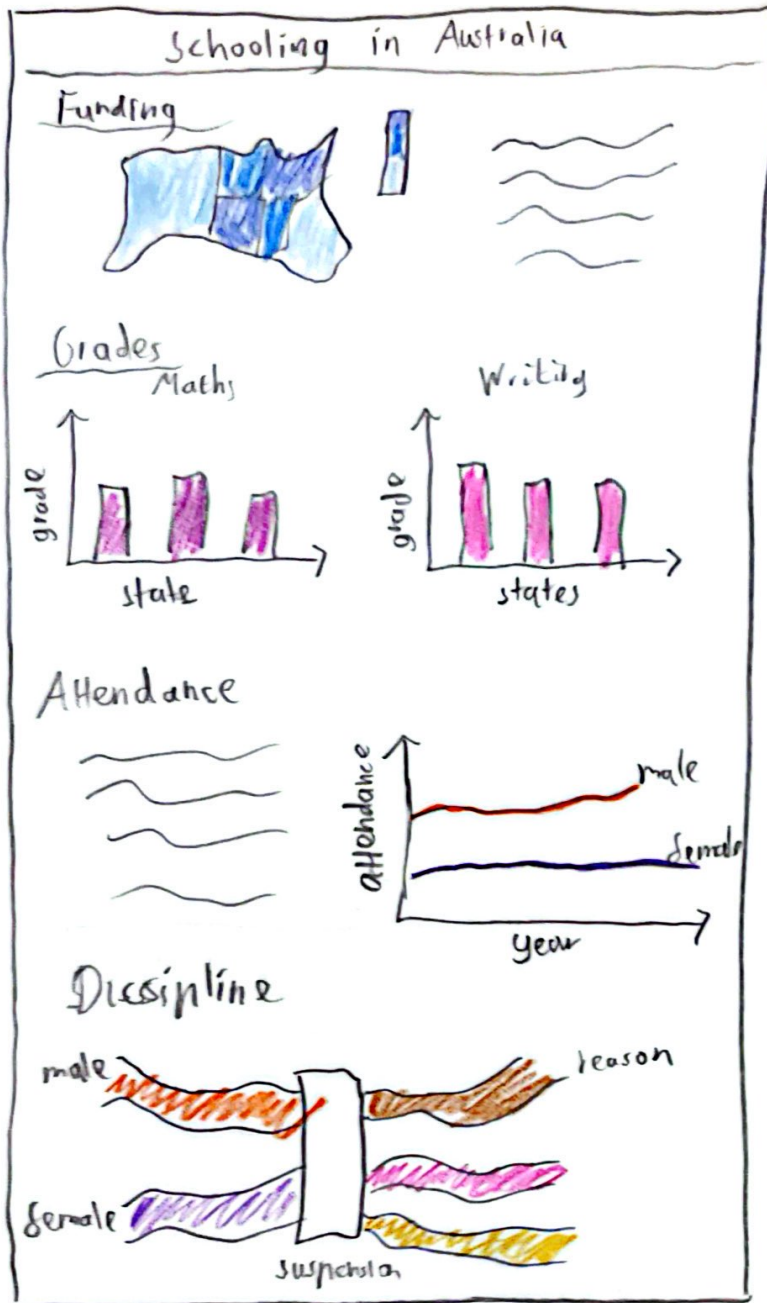
### Pros

- Good use of charts to paint a picture of Australia
- Good layout

### Cons

- Too few charts
- Difficulty obtaining/coding this layout,

# LAYOUT



Title: Schooling in Australia

Author: Duleesha Gunaratne

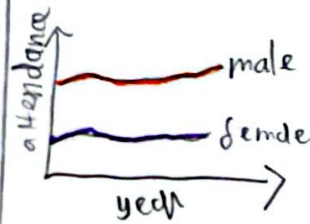
Date: 20/10/2025

Sheet: 4

## OPERATIONS



\* Will be able to filter by year



\* Will be able to filter by gender

## FOCUS

- Sankey (Discipline)



- \* Occupy a whole row
- \* Reveals main reasons for student behaviour problems across genders.

## DISCUSSION

### Pros

- Good variation of charts
- Good layout

### Cons

- Difficult to obtain the data
- Difficulty coding and the time will take to implement.



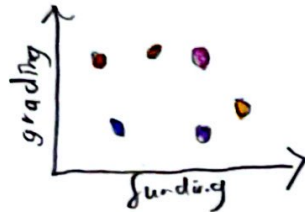
# LAYOUT

## Schooling in Australia

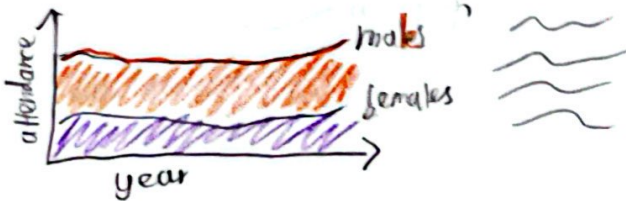
### Funding in Australia



### Grading & Funding



### Attendance



### Discipline



Title: Schooling in Australia

Author: Puleesha Gunaratne

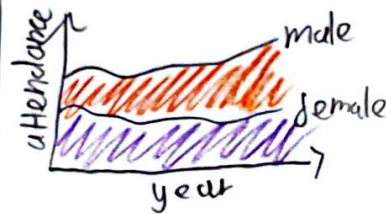
Date: 20/10/2025

Sheet: 5

Task: Design final layout

## OPERATIONS

\* Filter by gender



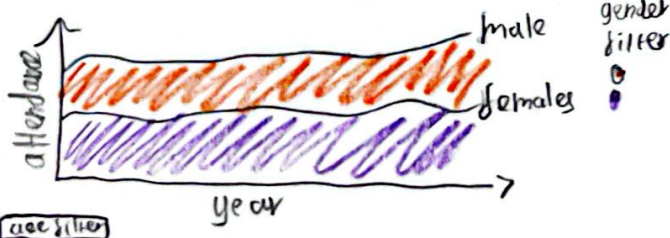
○ male  
○ female

age filter

filter by  
different age  
groups.

## FOCUS

• Area graph of attendance



\* Gives a good representation of behaviour in males and females

\* Also shows how behaviour changes over the years and with age

## DETAIL

• Dependencies: Vega-lite, custom libraries, html, css, github

• Estimated time:

- 1 day map and area (done for hw) just tweak
- 1 day for bubble

- 1.5 days for survey

• Requirements

- Appropriate use of colours (colourblindness etc)