

# DATA DETECTIVE CYCLE

**Taonga of New Zealand**

- Awhinatanga -

# Te Tūhuratanga Tauanga He Toa Tūhura Koe?

## Kaupapa

- \* me tautoku te kaupapa
- \* te kite me te tautoku i te pātai
- \* me pēhea te whakautu i tēnei pātai

## Whakataū

- \* te whakamāori i ngā raraunga
- \* te whakaputa whakataū
- \* te whakatakoto whakāaro hou
- \* te whakaputa kōrero hei whakautu i te pātai i tūhuratia



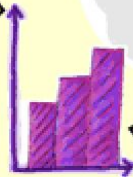
## Whakamahere

- \* he aha te mea ka inea, me pēhea te inea?
- \* te āhua o te rangekau?
- \* te āhua o te hopu i ngā raraunga?
- \* te āhua o te kohikohi i ngā raraunga?
- \* he aha ngā tikanga matatika e hāngai ana?



## Tātari

- \* te wehewehe raraunga
- \* te hanga whakaari raraunga e whaitake ana
- \* te kimi tauira
- \* te whakatakoto whakapae



## Raraunga

- \* te kohikohi
- \* te tiaki
- \* te kōmaka

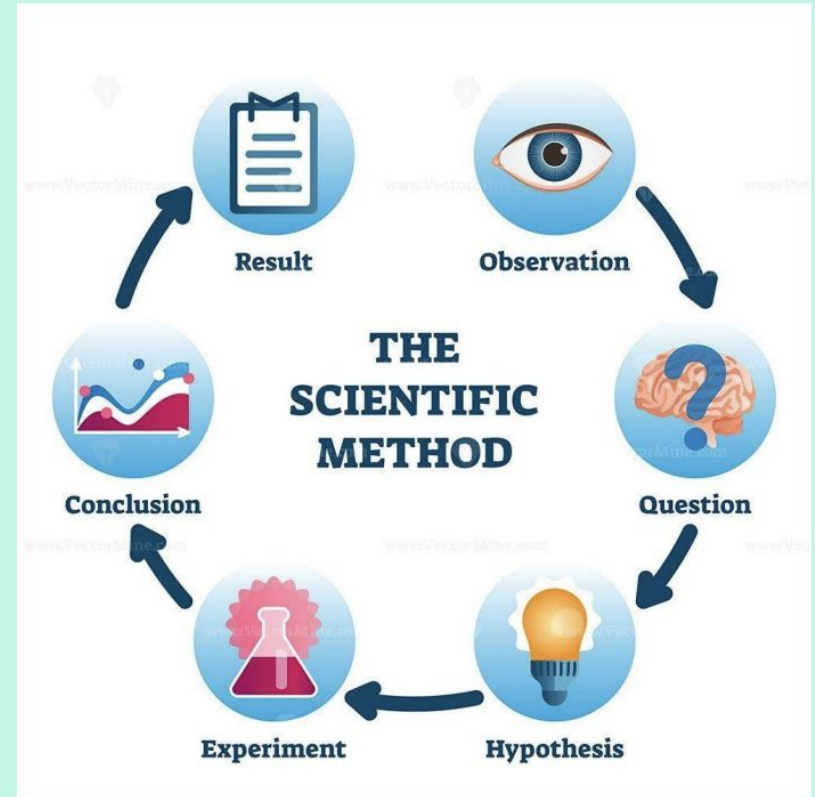
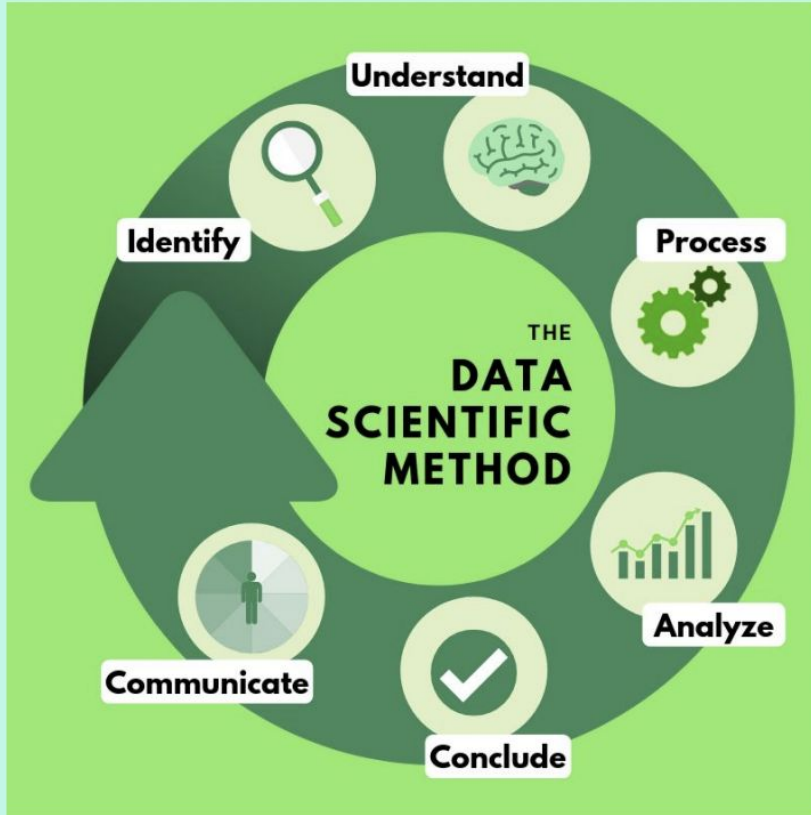


Whakamahi ai te toa tūhura  
i ngā tikanga o te tūhuratanga tauanga

# Are You a Data Detective?



Data detectives use PPDAC



# 1. KAUPAPA / PROBLEM

**Understand and define the problem - what is it that we are trying to investigate or figure out?**

- a) explain the problem
- b) put it into a question

## 2. WHAKAMAHERE / PLAN

- a) what am I measuring and how?
- b) how will I record my data?
- c) how will I collect my data

# 3. RARAUNGA / DATA

## **Collect/manage/clean your data**

-if you are collecting your own data you need a data table that organizes your data

-this section would also include data collection methods such as research, surveys, questionnaires etc.

## 4. TĀTARI / ANALYSIS

- a) Construct graphs using the data from your data tables, make your data more visually appealing and easier to interpret
- b) Look for patterns and make statements about your data
- c) Make statements about the accuracy and reliability of your data, critique your own process



## 5. WHAKATAU / CONCLUSION

- a) Interpret your data to form new ideas, connect your data to the world at large
- b) Answer your inquiry question

# GROUP ACTIVITY - TAONGA OF NEW ZEALAND

1. Watch: <https://www.youtube.com/watch?v=TartoYpK1yl>
2. List 10 Taonga of New Zealand :
3. Of our sample, how safe is our Taonga of NZ?