# THE

WHAT WILL YOU EXPLORE?

want to...

## Prove something



Make observations

- What do you see around you?
- What is interesting to you?



Come up with a question

- I wonder...
- What will happpen if...
- Which one is best, worst or different?



Form a hypothesis

• I think that ... might happen because...



Design & Conduct an Experiment

- Change one thing but keep everything else the same.
- What changed?



Analyze your data

- What happened?
- Put it all together



Conclusion

- What did we learn from this?
- How is this relevant or useful information?

## Make something



#### Find a Problem that needs to be solved

- What do you see around you?
- What is interesting to you?



#### Come up with a question

- · How might I make a ....
- How can I solve the problem of...

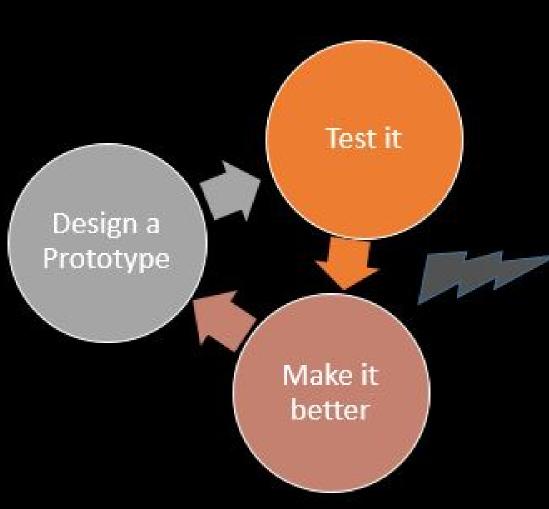


#### Brainstorm

- Think of as many different to solve the



- ways as possible problem.
- Choose one!





## Study something



#### **Make Observations**

- What do you see around you?
- What is interesting to you?

#### Come up with a question

- A fact, situation or
- interests Cause and effect
- Theoretical inestigation



### Collect Relevant Data and Information

- Research
- Interview
- Explore



### Analyze Data

- Put it all together
- Make connections



#### Report Findings

 What did we learn from this?