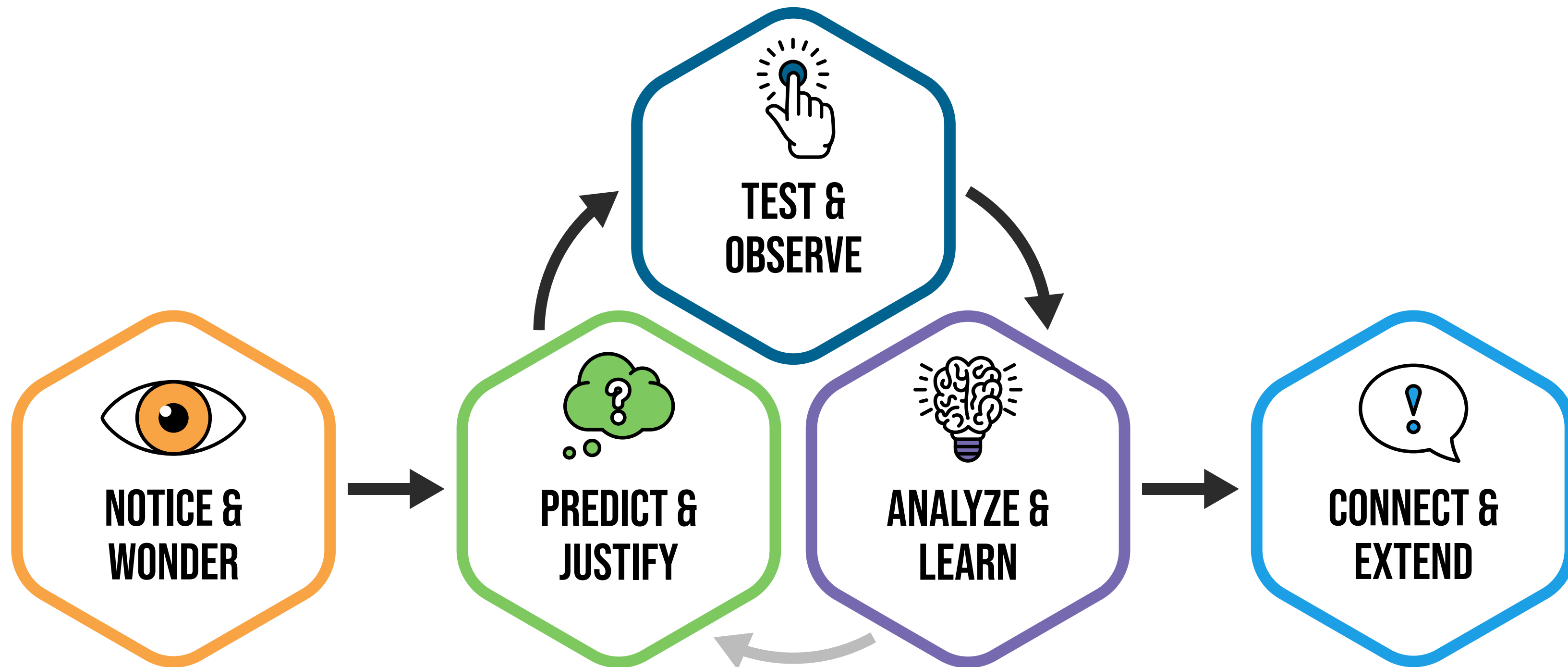


# PROBLEM SOLVING PROCESS





## NOTICE & WONDER

- What do you notice?
- What do you wonder?
- What question is the problem asking?
- Where might you begin?



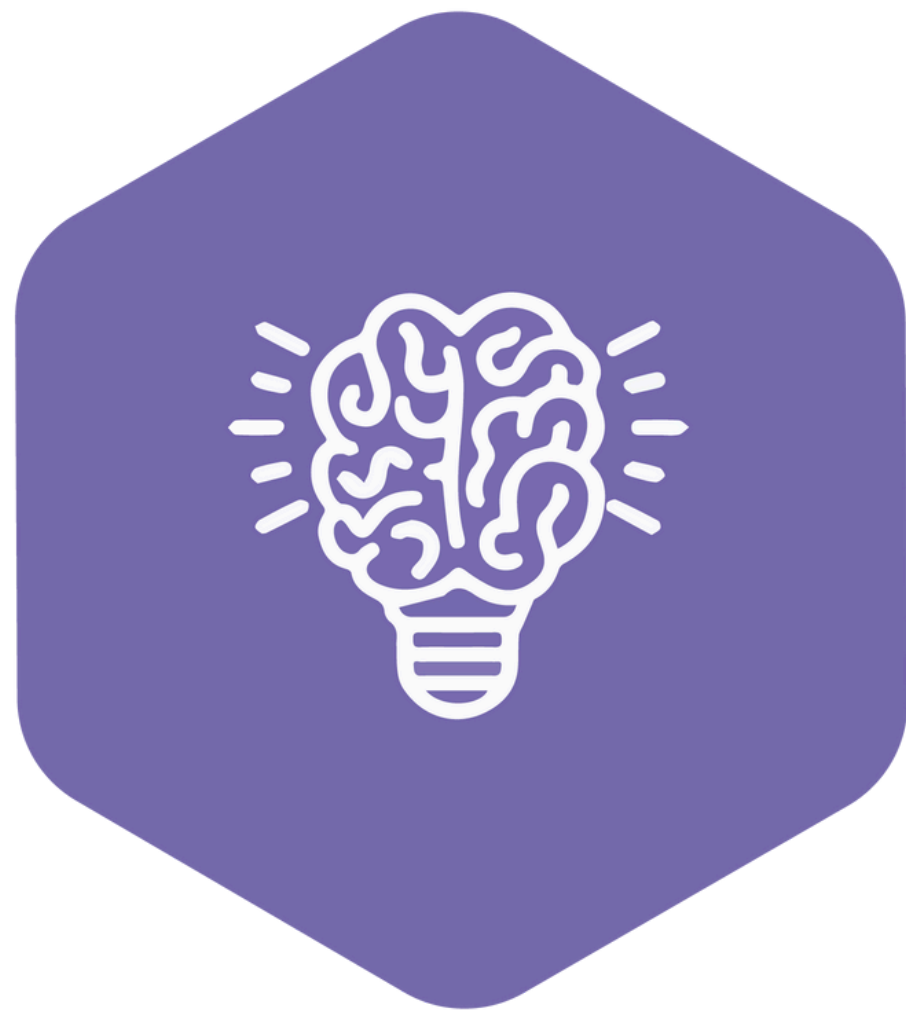
## PREDICT & JUSTIFY

- What is your prediction?
- What strategy will you use to test it?
- What do you think will happen when you test your prediction and why?



## TEST & OBSERVE

- Test your hypothesis.
- Describe what happened.



## ANALYZE & LEARN

- How does this compare to what you thought would happen?
- What did you learn?
- How will you use what you learned?



## CONNECT & EXTEND

- How does what you learned help your understanding of \_\_\_\_\_?
- What would happen if \_\_\_\_\_?
- How would you apply this concept to \_\_\_\_\_?