Name _____

Science is…

A body of
_____

- Facts
- Definitions
- C
- Theories
- L

⟷

A set of
_____ /processes

- Observing
- M
- Inferring
- P
- Classifying
- Hypothesizing
- Experimenting
- A

A way of _____

- Scientific knowledge is based upon evidence.

- Scientific knowledge can _____ over time.

- _____ plays an important role in science.
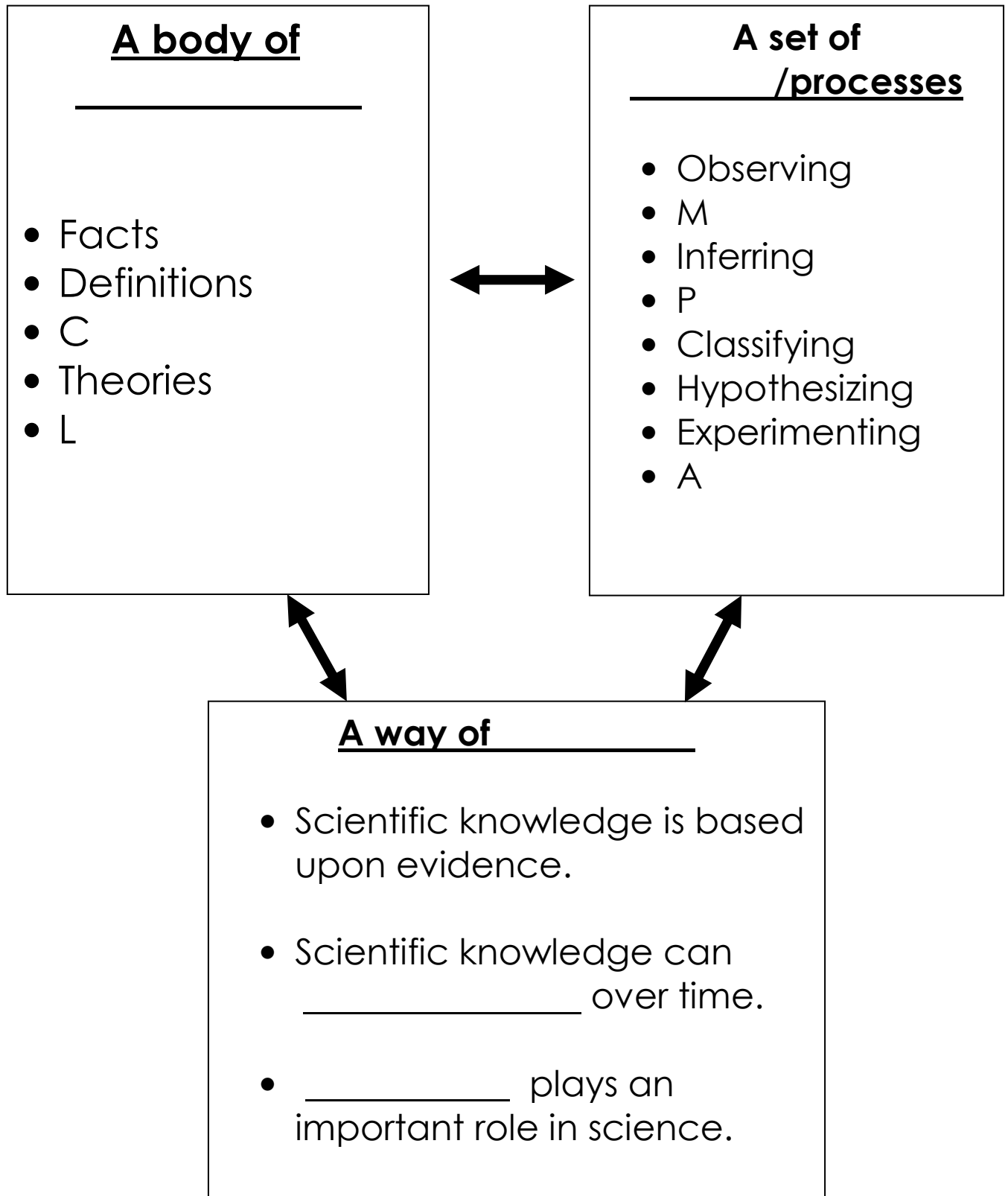
What is Engineering?

Engineering design is: a process with steps that include identifying criteria and constraints, making models or drawings, testing and evaluating, and improving the design that results in a new product or system that solves a problem.

<u>**Engineers**</u>	<u>**Design Cycle**</u>
• C • De • M machines, structures, processes and systems that impact society and may make humans more productive.	• Identify the • E • D • C • Try it • Make it

What is Technology?

Technology is: the use of science and engineering to solve practical problems and create things that improve life, society, and the environment.

Write down your favorite example of new technology and one reason why it might improve our lives or world.