

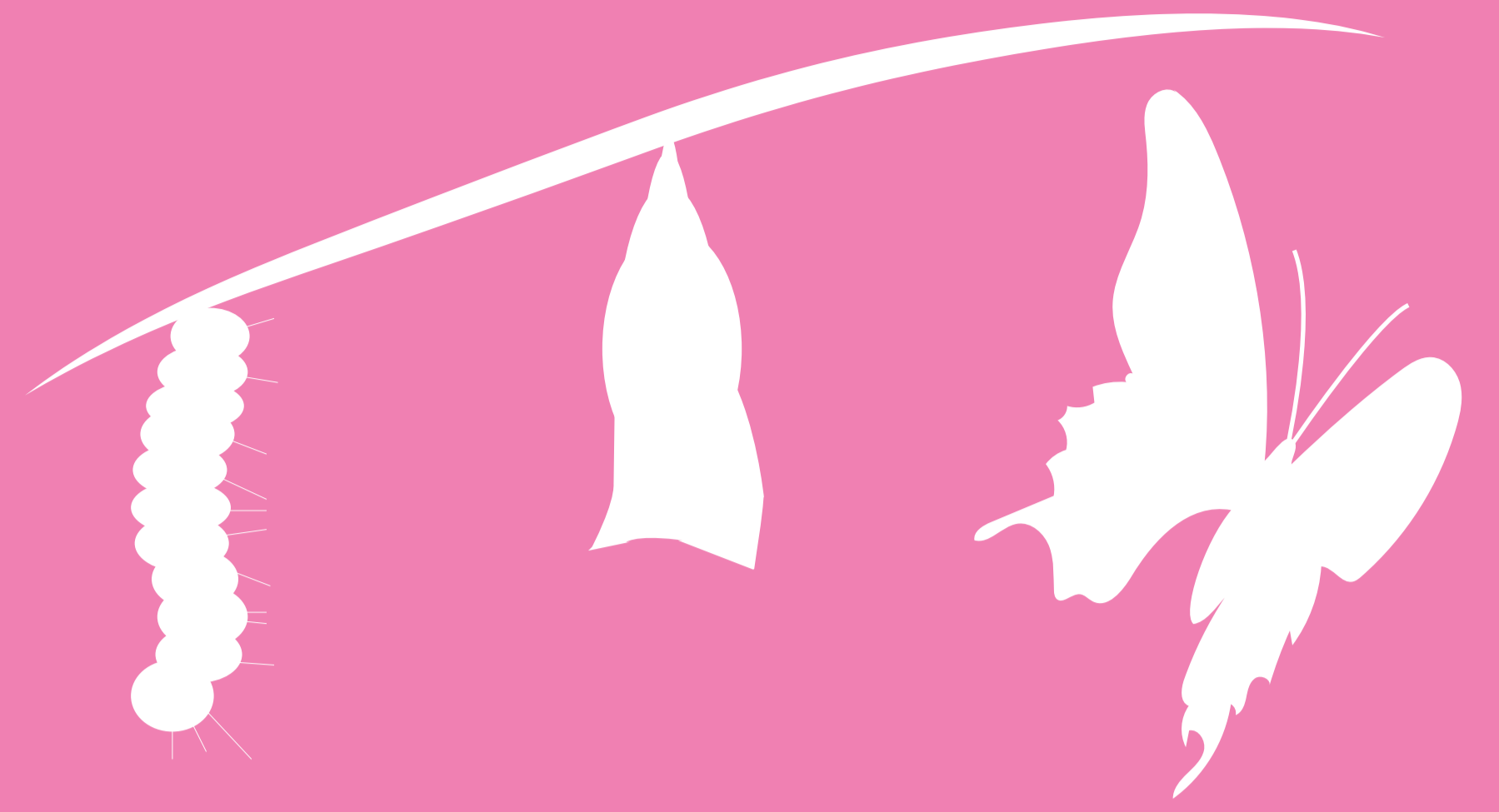
# CROSSCUTTING CONCEPTS (CCC)

## Patterns



Structures or events are often consistent and repeated.

## Stability and Change



Over time, a system might stay the same or become different, depending on a variety of factors.

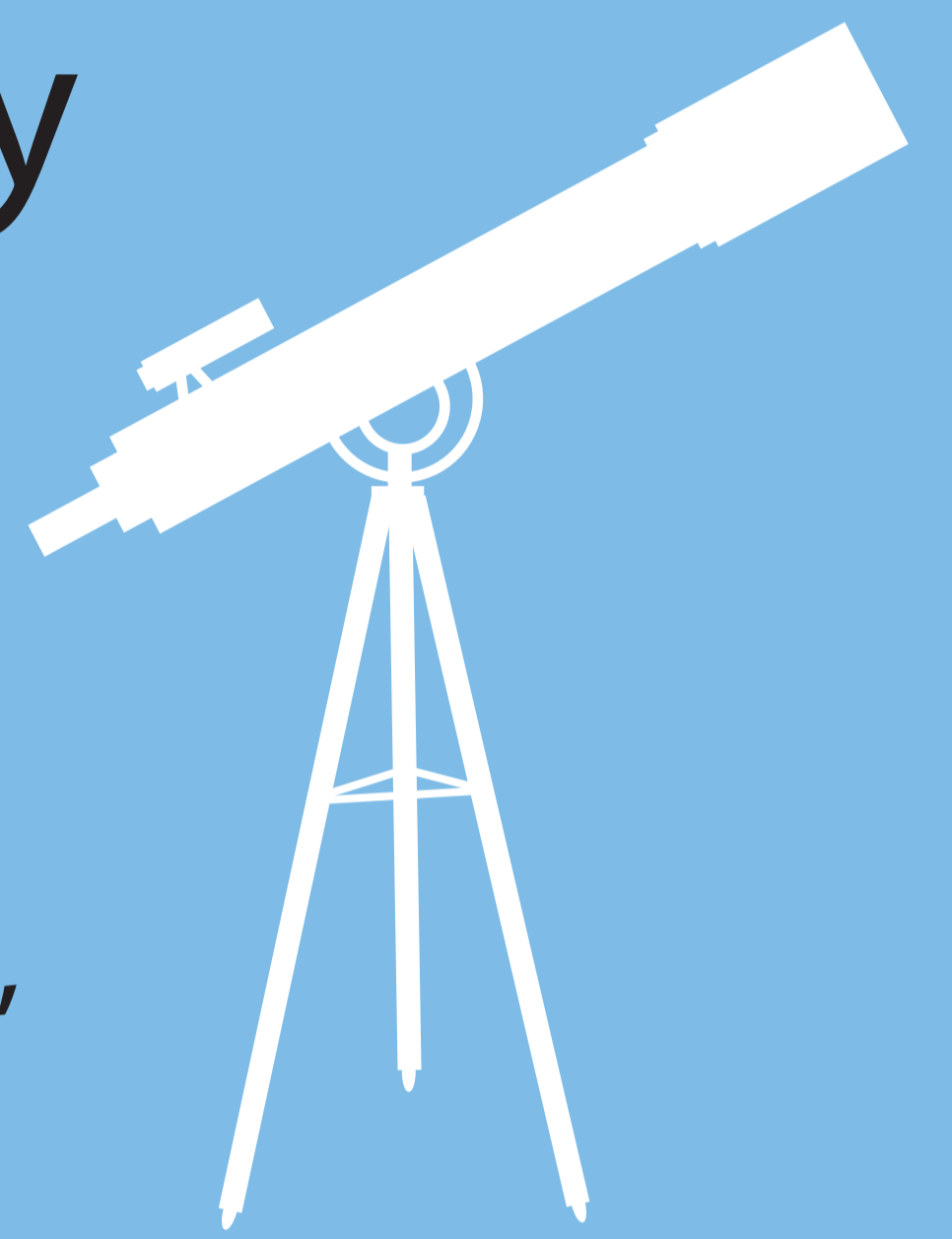
## Cause and Effect



Events have causes, sometimes simple, sometimes multifaceted.

## Scale, Proportion, and Quantity

Different measures of size and time affect a system's structure, performance, and our ability to observe phenomena.



## Matter and Energy



Tracking energy and matter flows, into, out of, and within systems helps one understand their system's behavior.

## Systems



A set of connected things or parts forming a complex whole.

## Structure and Function

The way an object is shaped or structured determines many of its properties and functions.

