DECOMPOSITION
Breaking down problems into smaller problems.

What are the different parts that create this?
Do you notice anything that repeats?

PATTERN RECOGNITION
Recognizing if there is a pattern and determining the sequence.
ALGORITHMS

Step by step instructions to solve a problem.

What steps do you need to create this?
ABSTRACTION

Generalization of a problem – focus on the big picture and what’s important.

How do you know what this is?
COMPUTATIONAL THINKING:

A problem-solving process that can be broadly applied across content areas and everyday life. It includes the following elements:

- **Decomposition**
  Breaking down problems into smaller problems.

- **Pattern Recognition**
  Recognizing if there is a pattern and determining the sequence.

- **Algorithms**
  Step by step instructions to solve a problem.

- **Abstraction**
  Generalization of a problem – focus on the big picture and what’s important.