

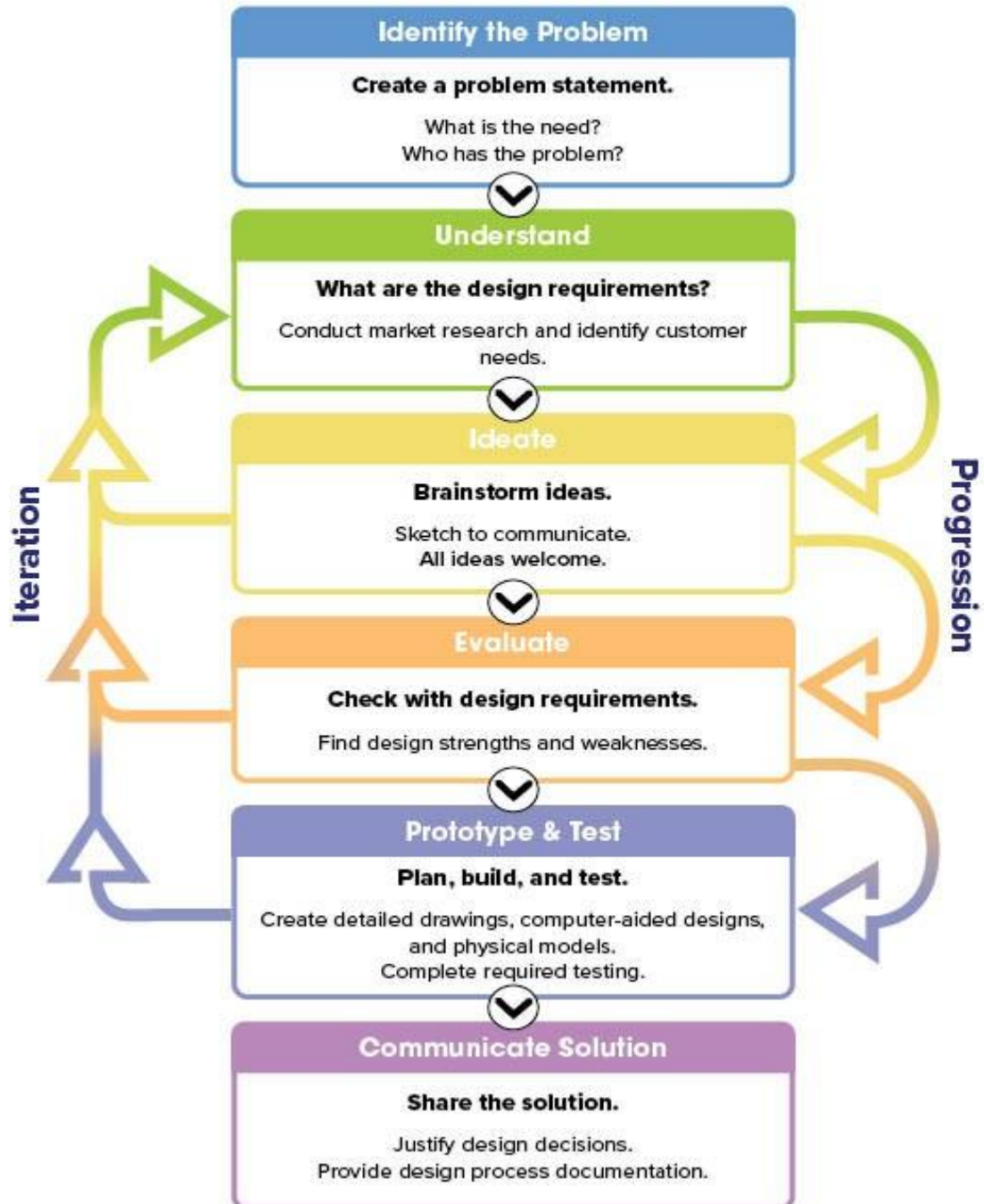
**BIRDEE UNIT 1
DIGITAL PORTFOLIO**

Module 1

Date:



Engineering Design Process



1.1.1 Natural Object Analysis: SFM Organizer

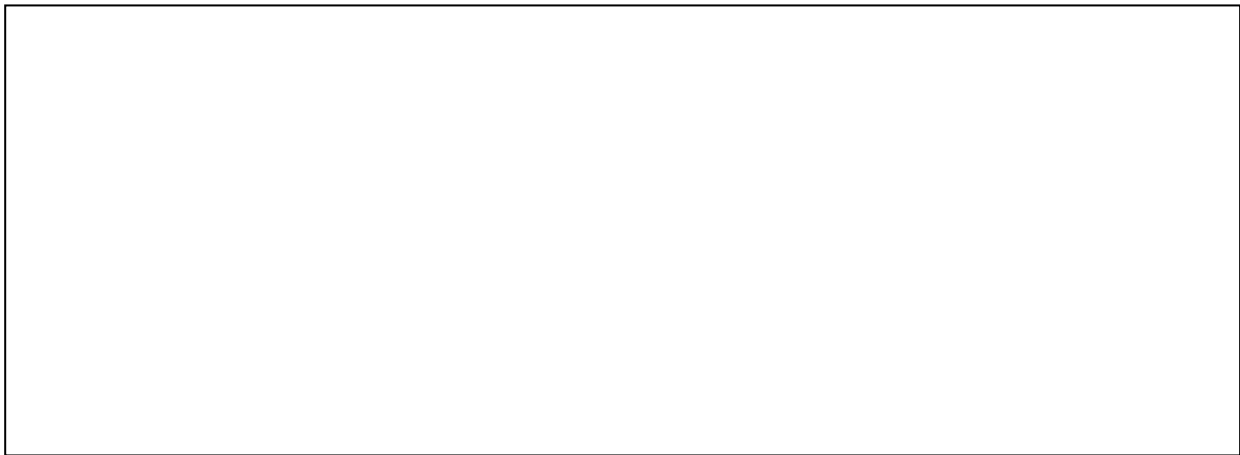
Name: _____

Date: _____

Using the unusual/interesting object you have brought into class, complete the following:

STRUCTURE: Describe the physical structure of your object.

SKETCH your object:



FUNCTION:

Component	Function: What does it do?

MECHANISM:

How do the components and their functions work together to benefit your object within its own biological system?

1.1.1 Natural Object Analysis: SFM Organizer

How does your object contribute to the larger biological/ecosystem?

1.1.1 Identify a Problem: Brainstorming Organizer

Name: _____

Date: _____

Topic: Shoes that stained or dirty

WHAT What types of shoes get stained/dirty?	HOW & What How do shoes get dirty? What materials stain shoes?	WHO Who has a problem (people or groups) with shoes getting stained/dirty?

Identify a specific problem you are interested in solving:

