

Symbiotic Relationships (symbiosis)

Define MUTUALISM. Describe an example of a mutualistic relationship.

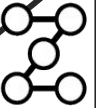


Details



Details

Define PARASITISM.
Describe an example
of a parasitic
relationship.



Patterns

Write an
example of an
analogy using
symbiotic
pairs. (pick
one type of
symbiosis)

Definition of Symbiosis:



Big Idea



Language
of the
Discipline



Details

Define COMMENSALISM. Describe an example of a commensalistic relationship.

We can think with Depth and Complexity



Big Idea



Details



Patterns

Describe some Thanksgiving traditions that Americans observe

What is something that you are thankful to have in your life? Why is it important to be grateful?



Multiple Perspectives

What might a turkey farmer be thinking as Thanksgiving approaches?

Thanksgiving

Name:



Multiple Perspectives

Imagine you are a turkey and Thanksgiving is coming. You know all about the turkey dinner tradition. How are you feeling? Write a response from the turkey's point of view.

Icons



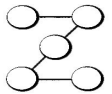
Language of the Discipline

Ethics



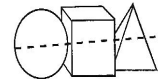
Details

Big Ideas



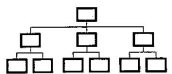
Patterns

Across Disciplines



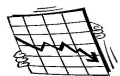
Unanswered Questions

Over Time



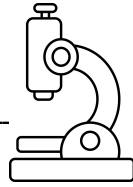
Rules

Different Perspectives



Trends

Observations



Item on prepared slide: _____

Sketch what you see:



Observations



Item on prepared slide: _____

Sketch what you see:



Item on prepared slide: _____

Sketch what you see:

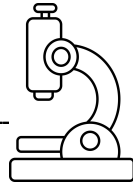


Item on prepared slide: _____

Sketch what you see:



Observations

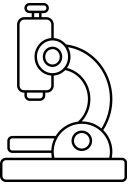


Item on prepared slide: _____

Sketch what you see:



Observations



Item on prepared slide: _____

Sketch what you see:



Item on prepared slide: _____

Sketch what you see:

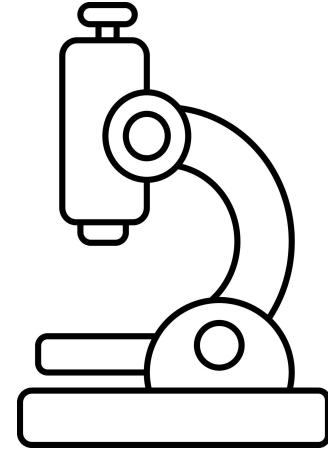


Item on prepared slide: _____

Sketch what you see:



Microbiology Observation Journal

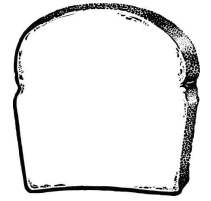


Microbiology:

Microorganism:

Microbiologist:

Microbial Me - Bread Experiment



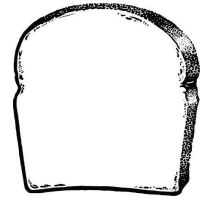
Rub your hand over the bread slice.
Draw what you see.

Prediction:

Check your bread after 1 week.
Draw what you see below.

Conclusion:

Microbial Me - Bread Experiment



Rub your your piece of bread over your chromebook.

Draw what you see.

A large, empty rectangular box with a black border, intended for the student to draw what they see on their chromebook after rubbing the bread.

Prediction:

Check your bread after 1 week.

Draw what you see below.

A large, empty rectangular box with a black border, intended for the student to draw what they see on the bread after one week.

Conclusion:
