Detectives in the Classroom

Ancillary Materials for Lesson 4-5

Gather one large sheet of chart paper, roll of adhesive tape, set of colored markers, and fifteen index cards or Post-Its for each Epi Team.

**Ctrl+Click on each heading below to go to Document:**

[1. Go To – Epi Log Worksheet](#BM1)

[2. Go To – Epi Log Worksheet - Homework Concept Map](#BM2)

 [3. Go To – Homework Concept Map Rubric.](#BM3)

 [4. Go To – Understanding 4 Quiz.](#BM4)

 [5. Go To – Understanding 4 Quiz Answer Quiz.](#BM5)

 [6. Go To – Presentation Rubric.](#BM6)

# Copy Epi Log Worksheet for each Student

Detectives in the Classroom Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Investigation 4-5: Epi Log Worksheet Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

|  |  |
| --- | --- |
| 1. | Write Essential Question 4 at the top of the paper. |
|  |  |
| 2. | Write the following words and phrases on index cards: |
|  |  |
|  | * Acceptability of Risk
 |  |
|  | * Analytical Epidemiology
 |  |
|  | * Association
 |  |
|  | * Descriptive Epidemiology
 |  |
|  | * Epidemiology
 |  |
|  | * Possible Explanations for an Association
 |  |
|  | * Hypotheses
 |  |
|  | * Prevent Disease
 |  |
|  | * Relative Risk
 |  |
|  | * Risk
 |  |
|  | * Risk Management Strategy
 |  |
|  | * Perception of Risk
 |  |
|  | * Stakeholders
 |  |
|  |  |  |
| 3. | Arrange words and phrases to show connections. |
|  |  |
| 4. | Draw arrows, circles, and boxes to further show connections. |
|  |  |
| 5.  | Label the connections on the arrows, circles, and boxes. |
|  |  |

|  |  |
| --- | --- |
|  |  |

**2. Copy Epi Log Worksheet - Homework Concept Map for each student.**

Detectives in the Classroom Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Investigation 4-5: Epi Log Worksheet – Homework Concept Map Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Place the following words and phrases into a Concept Map that depicts how they connect with each other to answer Essential Question 4

Acceptability of Risk *Epidemiology Relative Risk Stakeholders
Analytical Epidemiology Possible Explanations for an Association Risk
Association Hypothesis Risk Management Strategy
Descriptive Epidemiology Prevent Disease Perception of Risk*

What should individuals and society do when preventable causes of disease are found?

When a causal association has been identified, decisions about disease prevention strategies are based on more than the scientific evidence. Given competing values, social, economic, and political factors must also be considered.

1. **Review Homework Concept Map Rubric.**

**4. Copy version A or B of Understanding 4 Quiz for each student.**

Detectives in the Classroom Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Understanding 4 Quiz Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**5. Review Understanding 4 Quiz Answer Key**

Detectives in the Classroom Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Understanding 4 Quiz Answer Key Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**6. Copy Presentation Rubric Key For Each Student**

Criteria

Got It

Getting It

Will Get It Soon

Participation

All Epi Team

members participate

Most Epi Team

members participate

Some Epi Team

members participate

Use of Epi Talk

All are appropriate

and accurate

Most are appropriate

 and accurate

Some are appropriate and accurate

Arrangement

Of Cards

Clearly depict all concept connections

Clearly depict some concept connections

Arrows, Circles,

and Boxes

Clearly depict all concept connections

Clearly depict most concept connections

Clearly depict some concept connections

Labels

Clearly describe all concept connections

Clearly describe most concept connections

Clearly describe some concept connections

Clearly depict
 most concept connections