

## Deep Knowledge Worksheet

### **Subject of Study:**

#### **DOK-1 Recall and Reproduce**

Activity: Quickly jot down responses.

Who:

What:

Where:

When:

Language of the Discipline: What vocabulary terms are specific to the discipline or content?

Details: What are the defining features or characteristics? Find examples and evidence to support ideas.

#### **DOK-2 Apply Knowledge/ Basic Reasoning**

Activity: Generate questions on the topic. Identify problems and analyze. Review and contemplate.

How it took place:

Why it took place:

How it operates:

Why it operates:

Rules: What structure underlies this subject? What guidelines or regulations affect it? What hierarchy or organizing principle is at work?

#### **DOK-3 Strategic Thinking**

Activity: Create hypotheses. Make predictions.

Use it to solve a problem:

Why does it solve the problem:

What is the cause, effect, or reason:

What are the intended and unexpected outcomes:

Patterns: What elements reoccur? What is the sequence or order of events? Make predictions based on past events.

## **DOK-4 Extensive Thinking**

Activity: Use this knowledge in a different context.

What I think, feel, and believe:

❖Ethics : What moral principles are involved in the subject? What controversies exist? What arguments could emerge from studying the topic?

What will or could happen:

□ Trends: Note factors that cause events to occur (Political, Geographic, Socioeconomic, etc.). Identify patterns of change over time.

□ Change Over Time: How are elements related in terms of the past, present and future? How and why do things change? What doesn't change?

What is the relationship:

□ Across Disciplines: Relate the area of study to other subjects within, between, and across disciplines.

How it influences:

□ Multiple Perspectives: How would others see the situation differently?

What if:

❖Big Idea: What theory or general statement applies to these ideas? How do these ideas relate to broad concepts such as change, systems, chaos vs. order, etc.? What is the main idea?

❖Unanswered Questions: What information is unclear, missing, or unavailable? What evidence do you need? What has not yet been proven?