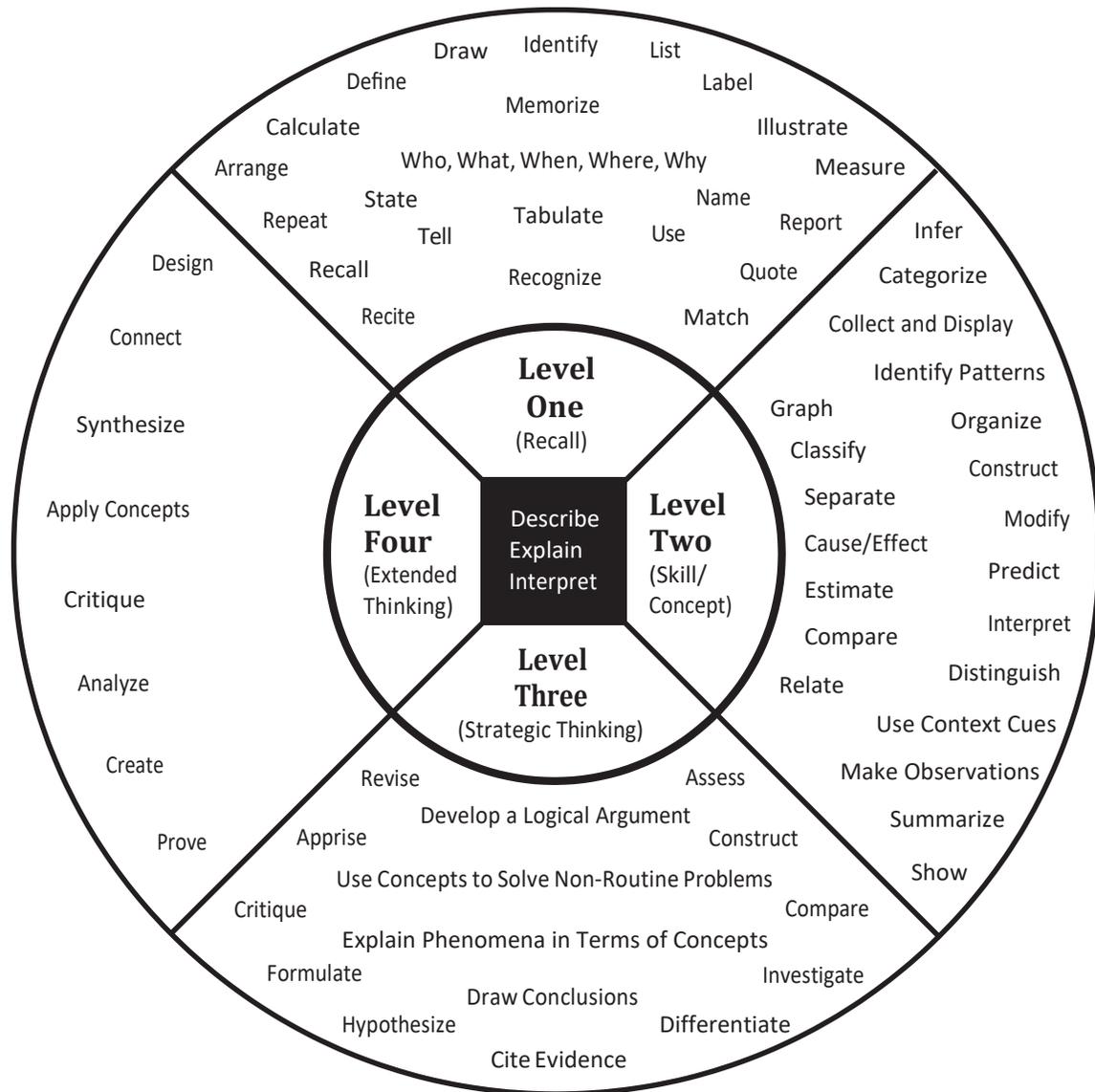


Depth of Knowledge (DOK) Levels



Level One Activities	Level Two Activities	Level Three Activities	Level Four Activities
Recall elements and details of story structure, such as sequence of events, character, plot and setting.	Identify and summarize the major events in a narrative.	Support ideas with details and examples.	Conduct a project that requires specifying a problem, designing and conducting an experiment, analyzing its data, and reporting results/solutions.
Conduct basic mathematical calculations.	Use context cues to identify the meaning of unfamiliar words.	Use voice appropriate to the purpose and audience.	Apply mathematical model to illuminate a problem or situation.
Label locations on a map.	Solve routine multiple-step problems.	Identify research questions and design investigations for a scientific problem.	Analyze and synthesize information from multiple sources.
Represent in words or diagrams a scientific concept or relationship.	Describe the cause/effect of a particular event.	Develop a scientific model for a complex situation.	Describe and illustrate how common themes are found across texts from different cultures.
Perform routine procedures like measuring length or using punctuation marks correctly.	Identify patterns in events or behavior.	Determine the author's purpose and describe how it affects the interpretation of a reading selection.	Design a mathematical model to inform and solve a practical or abstract situation.
Describe the features of a place or people.	Formulate a routine problem given data and conditions.	Apply a concept in other contexts.	
	Organize, represent and interpret data.		

DOK Question Stems

<p>DOK 1</p> <ul style="list-style-type: none"> • Can you recall_____? • When did_____happen? • Who was_____? • How can you recognize_____? • What is_____? • How can you find the meaning of_____? • Can you recall_____? • Can you select_____? • How would you write_____? • What might you include on a list about_____? • Who discovered_____? • What is the formula for_____? • Can you identify_____? • How would you describe_____? 	<p>DOK 2</p> <ul style="list-style-type: none"> • Can you explain how_____affected_____? • How would you apply what you learned to develop_____? • How would you compare_____? • Contrast_____? • How would you classify_____? • How are_____alike? Different? • How would you classify the type of_____? • What can you say about_____? • How would you summarize_____? • How would you summarize_____? • What steps are needed to edit_____? • When would you use an outline to_____? • How would you estimate_____? • How could you organize_____? • What would you use to classify_____? • What do you notice about_____?
<p>DOK 3</p> <ul style="list-style-type: none"> • How is_____related to_____? • What conclusions can you draw_____? • How would you adapt_____to create a different_____? • How would you test_____? • Can you predict the outcome if_____? • What is the best answer? Why? • What conclusion can be drawn from these three texts? • What is your interpretation of this text? Support your rationale. • How would you describe the sequence of_____? • What facts would you select to support_____? • Can you elaborate on the reason_____? • What would happen if_____? • Can you formulate a theory for_____? • How would you test_? • Can you elaborate on the reason_____? 	<p>DOK 4</p> <ul style="list-style-type: none"> • Write a thesis, drawing conclusions from multiple sources. • Design and conduct an experiment. Gather information to develop alternative explanations for the results of an experiment. • Write a research paper on a topic. • Apply information from one text to another text to develop a persuasive argument. • What information can you gather to support your idea about_____? • DOK 4 would most likely be the writing of a research paper or applying information from one text to another text to develop a persuasive argument. • DOK 4 requires time for extended thinking.

<p style="text-align: center;">Depth of Knowledge –Level 3</p> <p>Students provide support for reasoning, apply complex and abstract thinking, and make decisions.</p>	<p style="text-align: center;">Depth of Knowledge –Level 4</p> <p>Students make connections, related ideas within the content or among content areas, and devise one approach among alternatives on how a situation can be solved.</p>
<p style="text-align: center;">Engagement Prompts</p> <p>What makes ____ better than/superior to ____? Explain or connect ideas using supporting evidence to _____. Analyze/synthesize information within one data source or text. What is the recurring theme in _____? Provide supporting details. Support your rationale. Evaluate and provide rationale. Verify the reasonableness of _____. What is your interpretation of _____? Cite evidence and develop a logical argument for _____. How is _____ related to _____? How would you adapt _____ to _____? How would your test _____? What would happen if _____?</p>	<p style="text-align: center;">Engagement Prompts</p> <p>Investigate and draw conclusions about how _____ impacts the world today. How would you adapt _____ to create _____ that would be applicable in the real world? Analyze and explain multiple perspectives/issues within or across time periods, events, or cultures. Analyze how similar themes or ideas are developed in multiple texts. Evaluate for real-world occurrence. Design ____ to improve ____. Justify your choice. Gather, organize, and interpret information from multiple sources. Write a research report.</p>
<p style="text-align: center;">Strategic thinking</p> <p>DOK Level 3 requires higher cognitive demands than the previous levels. Students explain/justify thinking and provide supporting evidence for reasoning or conclusions drawn. Level 3 tasks typically require reasoning, complexity, developing a plan or sequence of steps, and have more than one possible response or solution.</p>	<p style="text-align: center;">Extended thinking</p> <p>DOK Level 4 requires complex reasoning and time to research, plan, and problem solve, and think. Tasks involve investigation or application to the real world and include none-routine manipulations or connections with and across discipline, content areas, and multiple sources. Students select one approach among many alternatives. Tasks usually occur over an extended period of time</p>

*From Dept-of –knowledge Levels for Four Content Areas by Webb, N.

