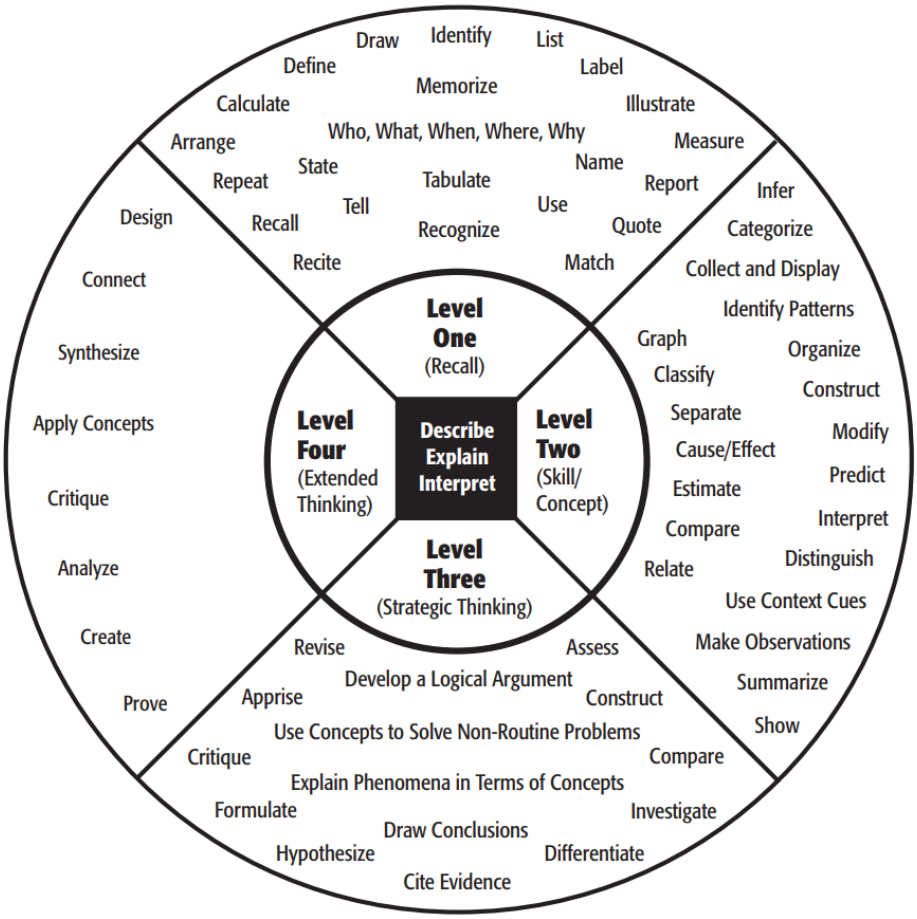
# Webb's depth of knowledge

Webb's depth of knowledge is a framework that encourages educators to think about their learning goals and outcomes in terms of intellectual and academic rigor. The infographic, below, provides associated action verbs and example activities for each level.




| 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. | | |

*Webb, Norman L. and others. "Web Alignment Tool" 24 July 2005. Wisconsin Center of Educational Research. University of Wisconsin-Madison. 2 Feb. 2006. <http://www.wcer.wisc.edu/WAT/index.aspx>.*

## Additional Resources

Select the links below to learn more about Webb's depth of knowledge from the following educational organizations:

- ASCD in Service: **What exactly is depth of knowledge?**
- Edutopia: **Using Webb's depth of knowledge to increase rigor**
- University of North Texas: **Bloom's taxonomy and depth of knowledge**