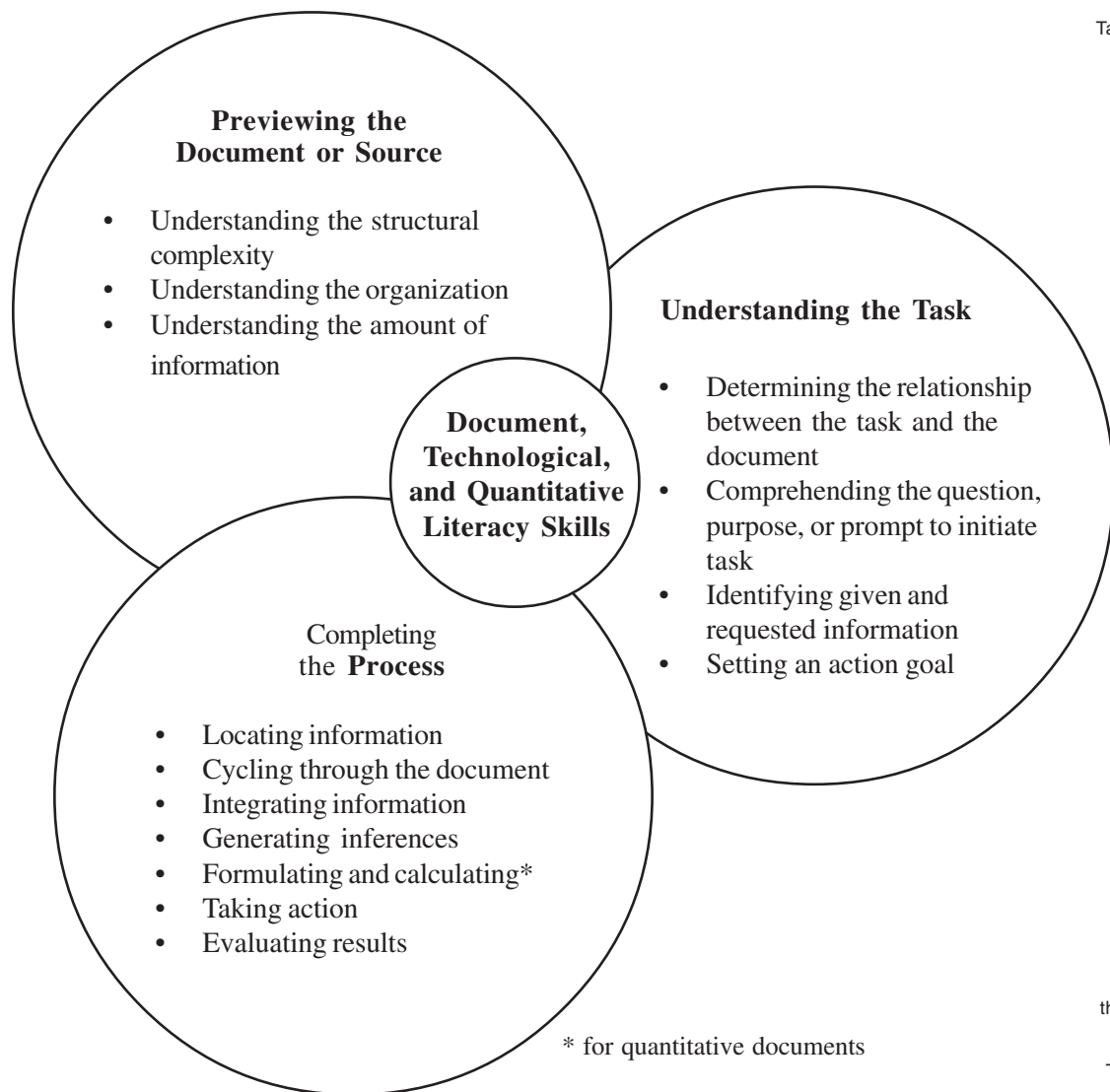


## Redefining Literacy in Grades 7-12

The model in Figure 6 shows the three areas of essential competencies in document, technological, and quantitative literacies. Within these three areas are 14 skills that every student needs to demonstrate literacy with documents, technological sources, and documents requiring quantitative solutions.

**Figure 6**  
**Three Competency Areas for DTQ Literacy**



These skills and their instructional strategies will be addressed in detail in Chapters 2 and 3.

De Geus, E., and Reitman, P. "Cognitive Components of Task Difficulty in Document Literacy"

Gregory, G and Kuzmich, L. *Differentiation Literacy Strategies for Grades 7-12*

Guthrie, J., Weber, S. and Kimmerly, N. "Searching Documents: Cognitive Processes and Deficits in Understanding Graphs, Tables, and Illustrations"

Kuzmich, L. "Redefining Literacy Strategies for the 21<sup>st</sup> Century"

Mosenthal, R. and Kirsch, I. "Toward an Explanatory Model of Document Literacy"

Mosenthal, R. and Kirsch, I. "A New Measure for Assessing Document Complexity"

Mosenthal, R. "Understanding the Strategies of Document Literacy and Their Conditions of Use"