



WONDER

- Develops awareness of expectations of final product
- Identifies intended audience and purpose for using information
- Brainstorms a list of key concepts/terms related to the intended topic to guide inquiry
- Explores and connects prior knowledge to intended topic
- Asks and clarifies questions about the topic with guidance
- Brainstorms possible sources of information



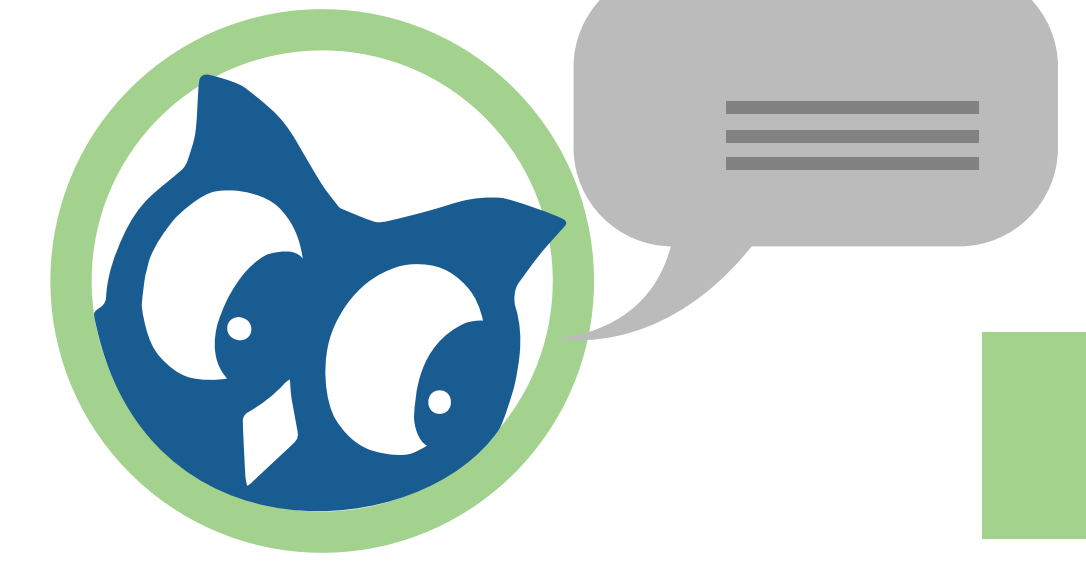
INVESTIGATE

- Selects print and digital resources using library catalogs, appropriate Internet search tools, and/or online databases for finding information
- Gathers information from a variety of sources, genres, points of view, and formats to construct the “big picture”
- Utilizes reading strategies to build meaning
- Identifies main idea and supporting details
- Selects and records appropriate information using his/her own words in an effective note-taking process
- Distinguishes between fact and opinion as well as recognizes conflicting facts, opposing ideas, and gaps in information
- Evaluates sources to be Credible, Accurate, and Reliable (CAR)
- Uses information and technology ethically and responsibly



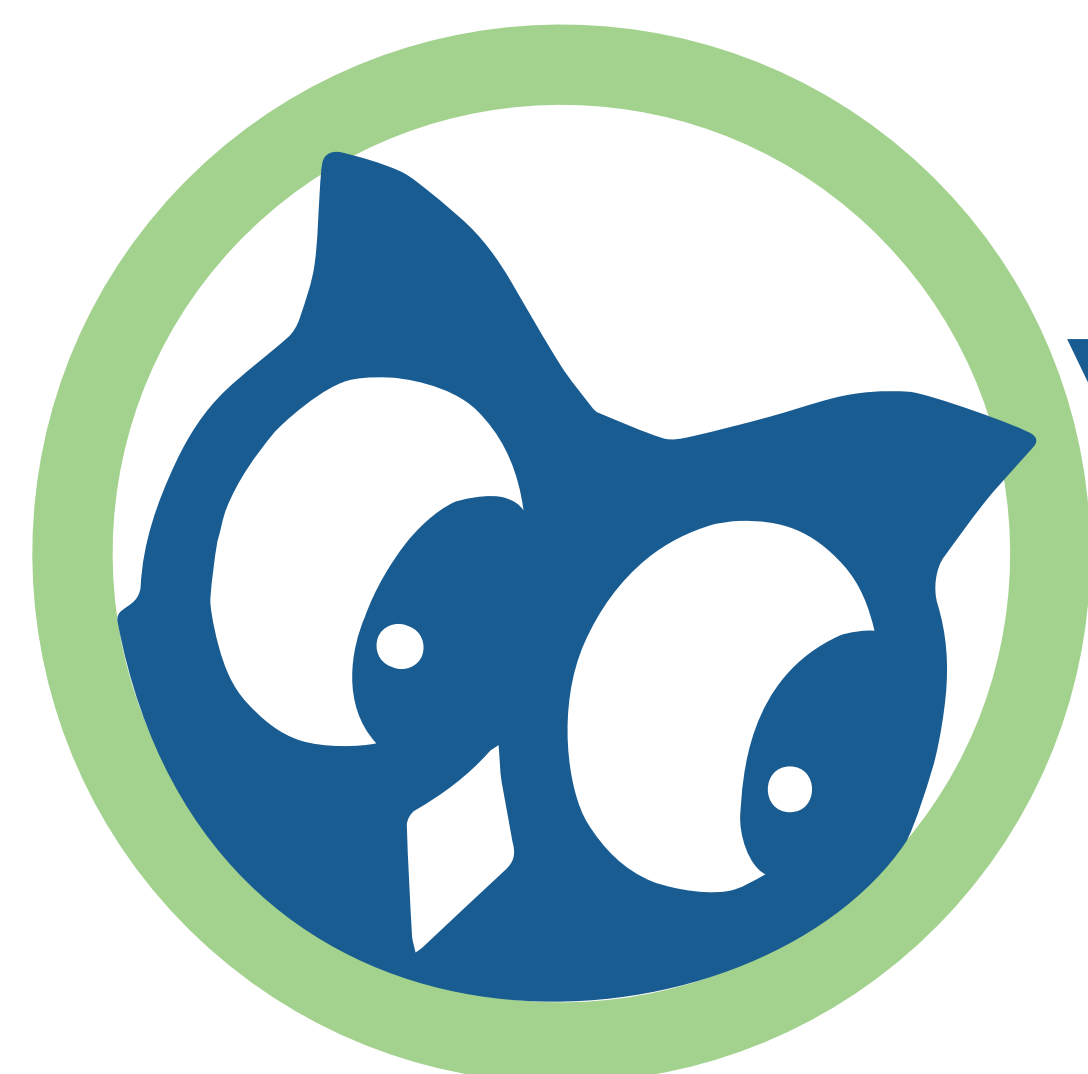
SYNTHESIZE

- Organizes and communicates main and supporting ideas
- Offers examples, data, and details to support ideas
- Connects, compares, and explains relationships among ideas from a variety of sources
- Resolves any conflicting information, opposing ideas, and/or gaps in information
- Gathers additional information as needed
- Demonstrates understanding of new knowledge, supported by evidence



EXPRESS

- Demonstrates understanding of material through writing or verbalizing new knowledge
- Understands advantages of choosing the appropriate presentation format
- Uses elements of standard citations
- Includes writing process to develop expression of new understanding
- Provides feedback to others with similar topics
- Makes use of feedback from others and self-reflection to edit, rehearse, and improve presentation
- Determines questions for further research



w i s e

wonder • investigate • synthesize • express

INQUIRY-BASED RESEARCH MODEL