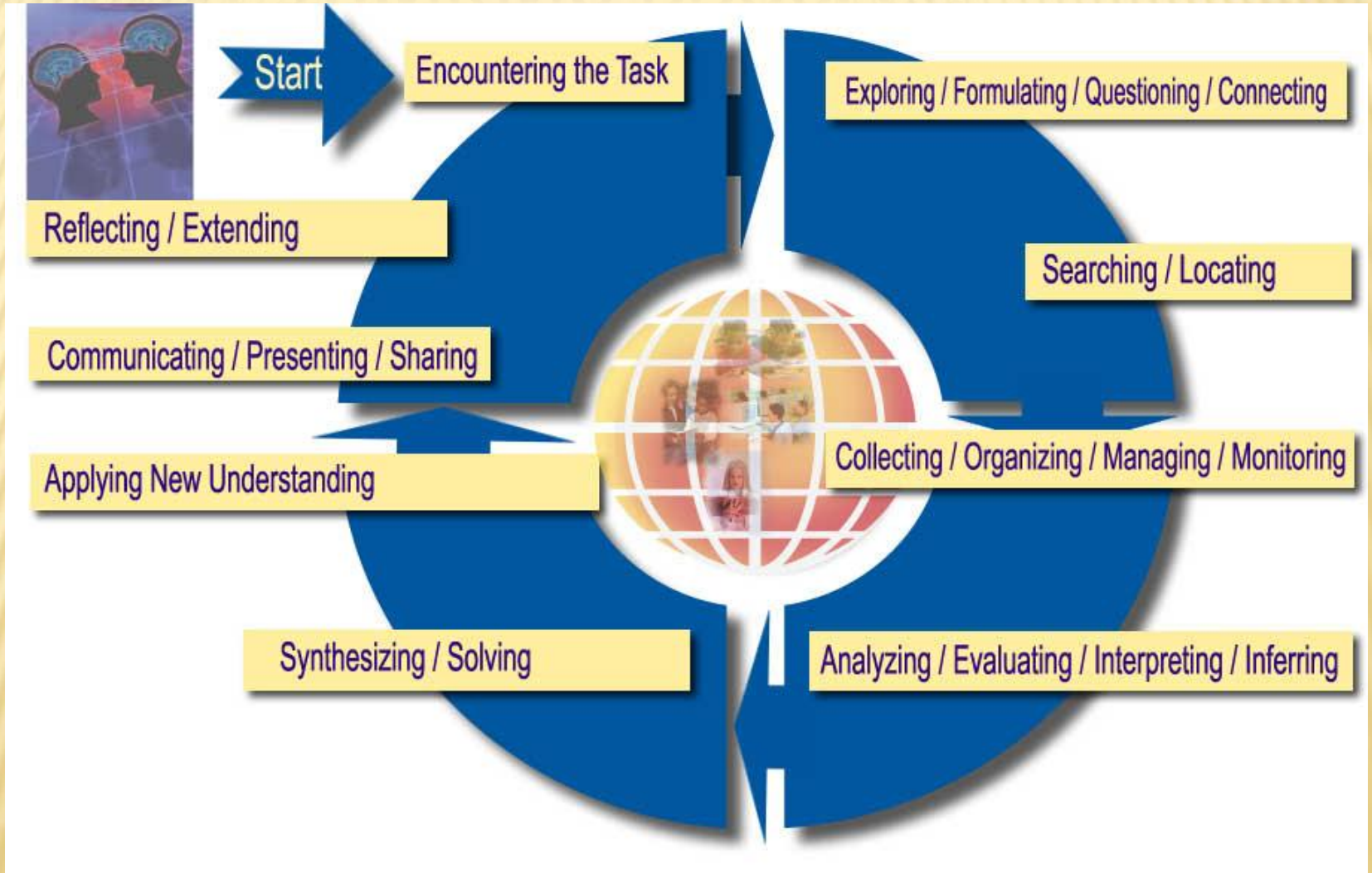


# INFORMATION SEEKING PROCESS

*From Baltimore County Public Schools, Towson, MD (2005)  
<http://www.bcps.org/offices/lis/models/tips/index.html>*

# CRITICAL THINKING PROCESS



## ENCOUNTERING THE TASK

- ✘ Recognize the need for information
- ✘ Become aware of the possibilities
- ✘ Select a general area of need/concern
- ✘ Seek background information/knowledge



## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

# EXPLORE/FORMULATE/QUESTION/MAKE CONNECTIONS



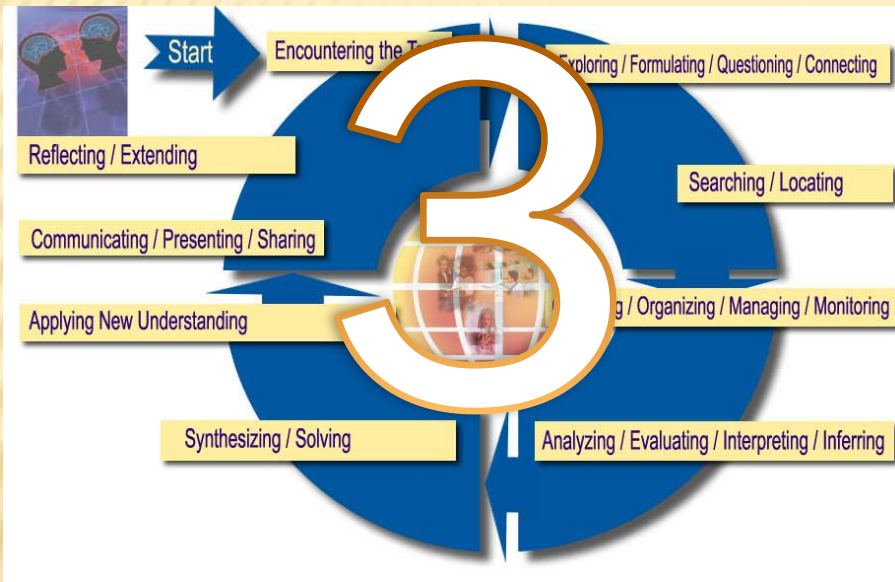
- ✘ Brainstorm options
- ✘ Identify problems/challenges
- ✘ Form a focus (*graphic organizer*)
- ✘ Pose questions
- ✘ Frame ideas
- ✘ Connect new ideas with prior knowledge
- ✘ Construct a plan to accomplish the task
- ✘ Establish a purpose for reading

## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

## SEARCH & LOCATE

- ✘ Identify useful, relevant sources
- ✘ Formulate search plan and strategies
- ✘ Scan and skim text for usefulness
- ✘ Refine search strategies
- ✘ Evaluate information using criteria



## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

# COLLECT/ORGANIZE/MANAGE/MONITOR

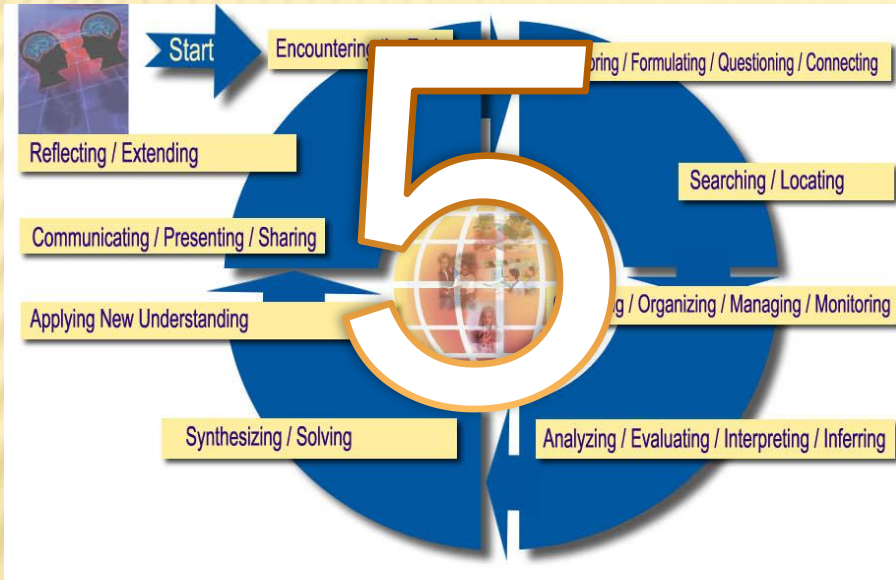


- ✘ Collect ideas by sorting information in an orderly fashion – *chronological, alphabetical, cause/effect, compare/contrast, subject...*
- ✘ Organize information into clusters/idea map
- ✘ Manage time, resources and documents
- ✘ Monitor ethical and responsible use of information and technologies – cite your sources

## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

# ANALYZE/EVALUATE/INTERPRET/INFER



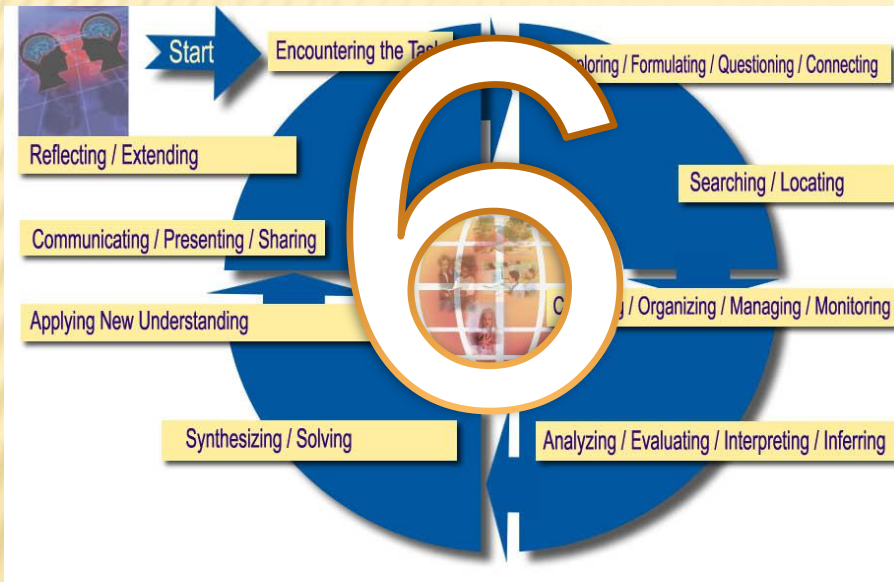
- ✘ Apply critical reading and thinking strategies
- ✘ Determine importance of information and relevance to question(s)
- ✘ Make inferences, identify trends, interpret data
- ✘ Separate information and ideas into component parts
- ✘ Exercise flexibility in information seeking and collaboration with peers

## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

## SYNTHESIZE/SOLVE

- ✘ Synthesize by fusing, reordering, recalling and retelling to create new meaning or understanding
- ✘ Draw conclusions to create new meaning based on sound reasoning and authenticity of information
- ✘ Apply new understanding to solve the task



## CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>



# APPLY NEW UNDERSTANDING



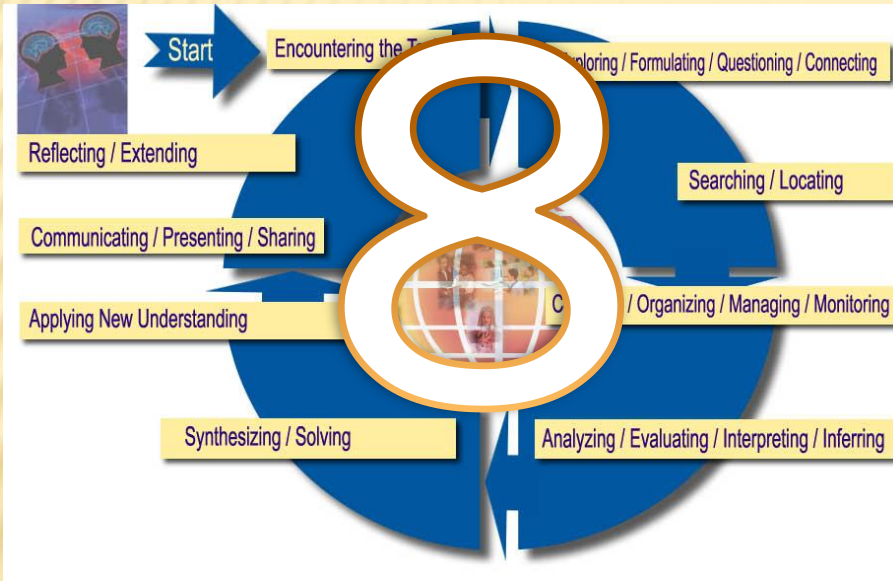
- ✘ Assess the scope of work and needed resources, materials and equipment
- ✘ Develop and implement an action plan – **Make your plan, work your plan**
- ✘ Seek peer review for new insights and revision – **Ask for Help**
- ✘ Assess the product in terms of requirements and individual/group effort/contributions

# CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

# COMMUNICATE/PRESENT/SHARE

- ✘ Determine best method to communicate new knowledge
- ✘ Convey new knowledge using effective communications skills
- ✘ Engage audience in discussion and respond to feedback

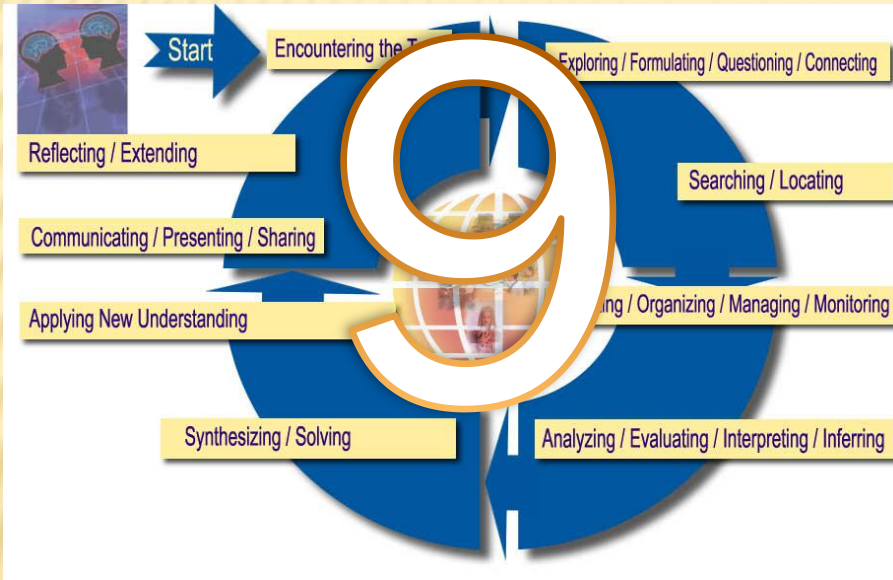


# CRITICAL THINKING PROCESS

From <http://www.bcps.org/offices/lis/models/tips/index.html>

## REFLECT/EXTEND

- ✘ Apply metacognitive (how you think) strategies to assess the research process and your own thinking
- ✘ Transfer new knowledge to solve new problems (apply your learning)



## CRITICAL THINKING PROCESS

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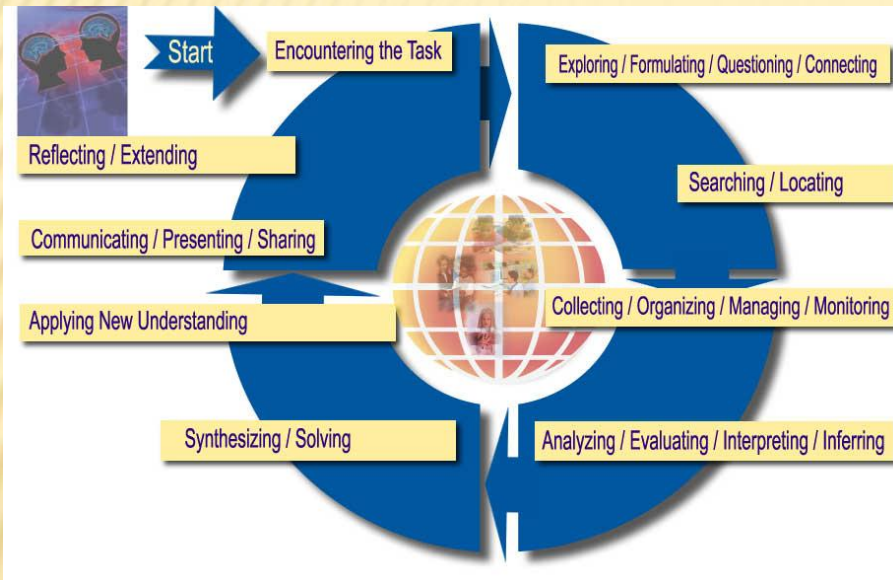
# CREDITS

The **Information Seeking Behavior Model** supports the teaching of Online Research Models designed by library media specialists in the Baltimore County Public Schools. It is a synthesis of research and/or experience of Carol Kuhlthau, Debbie Abiloch, Jamie McKenzie, Jay McTighe and the library media specialists in the Baltimore County Public Schools.

Comments or questions regarding the model should be directed to [Della Curtis](#), Coordinator, Office of Library Information Services. It may be used for educational, non-profit school use only. All other uses, transmissions, and duplications are prohibited unless permission is granted expressly.

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# CRITICAL THINKING PROCESS

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