

## GUIDING QUESTIONS FOR THINKING MAP DEVELOPMENT

THINKING MAP	THOUGHT PROCESS	MAP QUESTIONS	FRAME QUESTIONS
CIRCLE MAP	DEFINING / BRAINSTORMING	<p>What do you know about this topic, word or idea?</p> <p>How would you define this topic, word, idea?</p>	<p>How do you know this information?</p> <p>What sources did you reference to get this information?</p> <p>What is influencing this definition?</p>
BUBBLE MAP	DESCRIBING	<p>How would you describe this noun?</p> <p>What qualities does this person or concept have?</p> <p>What are the properties of this thing?</p>	<p>What evidence can you give to justify these descriptors?</p> <p>Is a specific point of view influencing your description?</p> <p>What conclusions can you draw based on these descriptors?</p>
DOUBLE BUBBLE MAP	COMPARING / CONTRASTING	<p>What are the similarities and differences between these two things?</p> <p>How are these 2 things alike and different?</p>	<p>How do you know the similarities and differences between these two things?</p> <p>Is anything influencing this comparison?</p> <p>What conclusions can you draw from this comparison?</p>
TREE MAP	CLASSIFYING / MAIN IDEA, DETAILS	<p>How would you classify, group or sort these items?</p> <p>What are the ideas and details that support your main idea?</p>	<p>What source did you reference to get this information?</p> <p>What do you now understand about this information and why is it important?</p>

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BRACE MAP	PART TO WHOLE RELATIONSHIPS	What are the parts of this object?	How do you know these are the parts of one thing?  What is influencing your understanding of these parts?  Why is it important to know these parts?
FLOW MAP	SEQUENCING	What are the stages of this event?  In what order would you sequence these things?	How do you know the stages of this event?  Is anything influencing this order?  What have you learned from this sequencing or summary?
MULTI-FLOW MAP	CAUSE AND EFFECT	What are the causes and effects of this event?	How do you know these causes and effects?  Is anything influencing your understanding of these causes and effects?  What conclusions can you draw from this information?
BRIDGE MAP	ANALOGIES / RELATIONSHIPS	How are these ideas related?  What is the relationship of these ideas?	How do you know about this relationship?  Is anything influencing these relationships?  What do you now understand about this relationship and why it is important?