

Differentiated Instruction Through Critical Thinking Questioning

(K-12 in-service credit – 15 hours)

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Welcome (Week One)				
Outcome	Assessment	Activity	NYS Standards	Time
To become familiar with other students in the course.	Posting their Electronic Name Badge to Electronic Name Badge Thread.	Students will respond to questions posed by the instructor to share some aspects of themselves with their classmates.	N/A	20 minutes
Teachers will understand the course objectives and expectations.	Post to I Understand the Roadmap and Policies Thread.	Students will read the Course Roadmap and Policies.	N/A	10 minutes
Teachers will understand the different levels of thinking skills according to Bloom's Taxonomy.	Posting investigation of the thinking skills based on Bloom's Taxonomy to Critical Thinking Skills Investigation Thread	Teachers will investigate the 6 thinking skills according to Bloom's Taxonomy and briefly describe them.	ELA Standards 1, 3, 4 - Students will read write listen and speak for information and understanding. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication. NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12	1 Hour

Bloom's Taxonomy Level – Knowledge and Comprehension (Week Two)

Outcome	Assessment	Activity	NYS Standards	Time
<p>Teacher will understand Bloom's Taxonomy and be able to apply the Knowledge and Comprehension levels of understanding.</p>	<p>Posting lessons and activities to Knowledge Lessons Thread</p>	<p>Knowledge is the ability to recognize, memorize, or recall information. It is the easiest level of thinking. It is the foundation which supports the higher levels of thinking.</p> <p>Comprehension is the lowest level of simple understanding. Students begin to attach meaning to facts and information.</p> <p>Create a lesson or activity for Language Arts, Math, Science or Social Studies that focuses on the Knowledge and Comprehension level of Bloom's taxonomy.</p> <p>Design 5 questions for the Knowledge and Comprehension levels of Bloom's. This should be included in the lesson plan or activity description.</p>	<p>ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication.</p> <p>NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12</p>	<p>2 Hours</p>
<p>To provide further understanding of concepts by interacting with classmates.</p>	<p>Post to Knowledge Lessons Responses Thread.</p>	<p>Read and react to one classmate's lesson or activity.</p>	<p>N/A</p>	<p>15 minutes</p>

Bloom's Taxonomy Level – Application (Week Three)

Outcome	Assessment	Activity	NYS Standards	Time
Teacher will understand Bloom's Taxonomy and be able to apply the Application level of understanding.	Posting lessons and activities to Application Lessons Thread	<p>Application is the ability to use or apply knowledge in a new situation. Students will demonstrate the ability to use knowledge in a practical or problem solving situation.</p> <p>Create a lesson or activity using one of the following: Experiment, Model, Story or Role Playing in either Language Arts, Math, Science or Social Studies which focus on the Application level of learning.</p> <p>Design 5 questions for the Application level of Bloom's. This should be included in the lesson plan or activity description.</p>	<p>ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication.</p> <p>NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12</p>	2 Hours
To provide further understanding of concepts by interacting with classmates.	Post to Comprehension Lessons Responses Thread.	Read and react to one classmate's lesson or activity.	N/A	15 minutes

Bloom's Taxonomy Level – Analysis (Week Four)

Outcome	Assessment	Activity	NYS Standards	Time
<p>Teacher will understand Bloom's Taxonomy and be able to apply the Analysis level of understanding.</p>	<p>Posting lessons and activities to Analysis Lessons Thread</p>	<p>Analysis is the skill of taking apart information to identify the component parts and understand relationships. Through analysis of elements the student is able to understand the organizational structure. Analysis of material enables the student to see the relationships between ideas.</p> <p>Create a lesson or activity using one of the following: Diagram, Survey, Questionnaire, Chart, Outline, Graph, Debate, Family Tree in either Language Arts, Math, Science or Social Studies which focus on the Analysis level of learning.</p> <p>Design 5 questions for the Analysis level of Bloom's. This should be included in the lesson plan or activity description.</p>	<p>ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication.</p> <p>NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12</p>	<p>2 Hours</p>
<p>To provide further understanding of concepts by interacting with classmates.</p>	<p>Post to Application Lessons Responses Thread.</p>	<p>Read and react to one classmate's lesson or activity.</p>	<p>N/A</p>	<p>15 minutes</p>

Bloom's Taxonomy Level – Synthesis (Week Five)

Outcome	Assessment	Activity	NYS Standards	Time
Teacher will understand Bloom's Taxonomy and be able to apply the Synthesis level of understanding.	Posting lessons and activities to Synthesis Lessons Thread	<p>Synthesis means to put together elements or parts into a new whole, to create an original product. Synthesis is a divergent thinking skill in which students are encouraged to discover and explore new ways of doing things. It allows students to create, invent, and discover.</p> <p>Create a lesson or activity using one of the following: Story, Poem, Invention, Play, Mural, Dance, Puppet Show, Poster in either Language Arts, Math, Science or Social Studies which focus on the Synthesis level of learning.</p> <p>Design 5 questions for the Synthesis level of Bloom's. This should be included in the lesson plan or activity description.</p>	ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication. NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12	2 Hours
To provide further understanding of concepts by interacting with classmates.	Post to Analysis Lessons Responses Thread.	Read and react to one classmate's lesson or activity.	N/A	15 minutes

Bloom's Taxonomy Level – Evaluation (Week Six)

Outcome	Assessment	Activity	NYS Standards	Time
<p>Teacher will understand Bloom's Taxonomy and be able to apply the Evaluation level of understanding.</p>	<p>Posting lessons and activities to Evaluation Lessons Thread</p>	<p>Evaluation is the sixth highest level of thinking in Bloom's Taxonomy. To evaluate is to judge or appraise the worth, value, or quality of an idea, an object, or an activity. Students will learn how to judge quality based on sound criteria and to effectively support or reject ideas. They will be able to make a firm commitment which they can defend and support.</p> <p>Create a lesson or activity using one of the following: Editorial, Court Trial, Recommendation, Self-Evaluation, Panel Evaluation, Statement or Conclusion in either Language Arts, Math, Science, or Social Studies which focus on the Evaluation level of learning.</p> <p>Design 5 questions for the Evaluation level of Bloom's. This should be included in the lesson plan or activity description.</p>	<p>ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication.</p> <p>NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12</p>	<p>2 Hours</p>
<p>To provide further understanding of concepts by interacting with classmates.</p>	<p>Post to Synthesis & Evaluation Lessons Responses Thread.</p>	<p>Read and react to one classmate's lesson or activity.</p>	<p>N/A</p>	<p>15 minutes</p>

<p>Teacher will reflect on Bloom's Taxonomy and its value in being incorporated in classroom instruction.</p>	<p>Post to Bloom's Reflection Thread.</p>	<p>Teachers will write a one page reflection paper on the regular use of Bloom's Taxonomy in classroom instruction. Teacher will include the pluses and minuses of using this type of differentiated questioning in class.</p>	<p>ELA Standards 1, 2, 3, 4 - Students will read write listen and speak for information and understanding. Students will read, write, listen, and speak for understanding in a literary response. Students will, read, write, listen, and speak for understanding in critical analysis. Students will read, write listen and speak for understanding using social communication. NETS ELA Standards 1, 3, 4, 5, 7, 8, 11, 12</p>	<p>2 hours</p>
<p>Students will evaluate course</p>	<p>Post to Evaluation Thread</p>	<p>Fill out evaluation form</p>	<p>N/A</p>	<p>15 minutes</p>