

NISD ALPHA Program Standards

<p>Domain: Creative Thinking Ability to look at problems or situations from a unique perspective through the use of imagination and/or innovative ideas</p>
<p>Solve open-ended problems by using the Creative Problem Solving model. (DoK Level 2 or 3)</p> <ul style="list-style-type: none"> • Use components of creative thinking - Fluency, Flexibility, Originality, Elaboration – within the CPS model to solve problems. • Use convergent and divergent thinking skills within the CPS model to solve problems.
<p>Domain: Critical Thinking Ability to demonstrate clear, rational, open-minded thinking, informed by evidence</p>
<ul style="list-style-type: none"> • Analyze thinking using the model from the Foundation for Critical Thinking. (DoK Level 2 or 3) • Use Bloom's Taxonomy to develop higher-level questions
<p>Domain: Depth and Complexity Ability to dig deeper into concepts and to understand those concepts with greater complexity</p>
<ul style="list-style-type: none"> • Identify and use elements of Sandra Kaplan's model of depth and complexity. (DoK Levels 1 and 2) Depth: language of the disciplines; patterns; trends; ethical issues; details; unanswered questions; and big ideas Complexity: over time; multiple perspectives; across disciplines Content Imperatives: contribution, convergence, origins, paradox, parallels • Within a unit, make connections to Universal Generalizations from Kaplan's model (DoK Level 3) • Combine elements of Depth and Complexity and Content Imperatives to create Intellectual Pathways that guide or demonstrate learning. (DoK Level 3 or 4)
<p>Domain: Scholarly Inquiry and Research Ability to interpret information that leads to new understandings and connects to the world beyond the classroom</p>
<ul style="list-style-type: none"> • Analyze the characteristics and responsibilities of Sandra Kaplan's Scholarly Behaviors (DoK Level 2) • Analyze study through the eyes of a specialist using Sandra Kaplan's "Think Like a Disciplinarian" (DoK Level 3) • Construct questions that reflect depth and complexity to guide research and investigation. (DoK Level 4) • Gather and evaluate information from a variety of sources, including technical texts, primary and secondary sources, conflicting points of view, and interdisciplinary research when appropriate. (DoK Level 4) • Use thinking and research frameworks associated with the various disciplines. (DoK Level 4) • Use a variety of methods to aggregate, disaggregate and represent data. (DoK Level 4)
<p>Domain: Effective Communication Ability to convey new learning through the use of written, spoken, and technological media</p>
<ul style="list-style-type: none"> • Produce quality presentations for authentic audiences. (DoK Level 3) • Participate in substantive conversations. (DoK Level 3) • Use appropriate technology in products and performances. (DoK Level 3) • Develop advanced products that are well-organized and demonstrate depth of understanding. (DoK Level 3 or 4)
<p>Domain: Leadership and Responsibility Ability to demonstrate initiative, task commitment, and the elements of compromise and diplomacy</p>
<ul style="list-style-type: none"> • Brings binder with appropriate materials to class • Completes homework and classroom assignments in a timely manner • Participates consistently • Goal Setting • Cooperates with peers, Leader vs. Boss • Has a Growth Mindset • Manages impulsivity • High Emotional Intelligence • Shows Empathy • Thirsts for Knowledge • Takes initiative/ownership of learning • Self-guided on independent activities • Puts forth energy and effort • ALPHA quality work