

DL₄21 - DEEPER LEARNING FOR THE 21ST CENTURY



POWHATAN COUNTY PUBLIC SCHOOLS

Inspiring · Empowering · Innovating

Instructional Framework

TEACHER ACTION		
Teacher Directed	Teacher Supported	Teacher Facilitated
<ul style="list-style-type: none">Provides a classroom environment in which students can share ideas freelyCreates an environment that encourages: asking questions, taking intellectual risks, and divergent thinking by asking open-ended questionsFacilitates discussions related to multiple solutions that potentially solve problemsSelects tools students must use to create media and demonstrates the appropriate use of technologyEstablishes group rules, expectations, and procedures (assigns roles)Models and teaches brainstorming techniques and how to ask grade-level appropriate questionsProvides guided practice opportunitiesHelps students define creativity and innovation through multi-modal learning activitiesFosters exploration of creativity through exposure to authentic artifactsPromotes digital fluency by directing research practices<ul style="list-style-type: none">Provides topic and questions to be researchedProvides direct instruction on search techniquesProvides print and digital resources for research and informationPromotes digital fluency by directing ethical use & interpretation of sources<ul style="list-style-type: none">Directs student use of print and digital resourcesModels ethical/legal use of technology, digital information, and media	<ul style="list-style-type: none">Facilitates peer collaboration opportunitiesModels how to provide and receive constructive feedbackPresents opportunities to communicate in a variety of waysScaffolds lessons to develop questioning skillsModels conflict resolution strategiesAllows for productive struggleAsks open-ended questionsIncorporates student-choice opportunities and provides a menu of choicesProvides specific, timely feedbackModels instructional risk taking, creativity, and craftsmanshipDesigns opportunities to synthesize, research, communicate/collaborate, and/or apply critical thinking skills to address an authentic taskIncludes connections between subject matter, contemporary issues, and/or new ideas in class assignmentsPromotes digital fluency by modeling research practices<ul style="list-style-type: none">Guides student choice of topics and questions to be researchedProvides a choice of a various online sourcesModels strategies to guide student inquiry and investigation, and to analyze various information sourcesPromotes digital fluency by modeling ethical use and interpretation of sources<ul style="list-style-type: none">Provides feedback to students regarding their ethical use of technology, digital information, and media	<ul style="list-style-type: none">Highlights effective collaborative work in an effort to model positive communication and collaboration techniquesEncourages and provides time and opportunities for self and group reflectionFacilitates real-world tasks in order to foster a global perspectiveCreates learning opportunities for students to make inferencesIncorporates problem/project-based learningEngages and assesses student creativity and innovation in an empowered learning environmentProvides opportunities and discussions to allow for new ideas, alternative methods of thinking, or ways to solve a problemAllows student choiceFacilitates digital fluency through research practices<ul style="list-style-type: none">Facilitates and provides opportunity for student-led inquiry and researchFacilitates digital fluency through ethical use & interpretation of sources<ul style="list-style-type: none">Challenges students to reflect on ethical use and interpretation of informationFacilitates digital fluency through design & sharing of content<ul style="list-style-type: none">Empowers student choice for creating original mediaAdvocates for outlets for students to publish or present for an authentic or real-world audience

STUDENT ACTION		
Student Participant/Teacher Directed <i>(Teacher-directed elements:, teaching the skills/the how)</i>	Student Choice / Teacher Supported <i>(Scaffolding, building capacity, some freedom/choice)</i>	Student Centered / Teacher Facilitated <i>(Learner-centered, active engagement, student voice & choice)</i>
<ul style="list-style-type: none">Actively participates in teacher-directed discussion by asking/answering questions and sharing ideasListens and responds respectfully to diverse perspectivesBrainstorms to generate thinkingDefines a problem & explains thinkingIdentifies significant questionsCreates products following teacher directionsCompletes a guided assignmentAcquires information using provided resourcesUses teacher-provided digital tools effectively and efficiently to build and communicate knowledgeDevelops digital fluency by researching using keyword searches effectivelyDevelops digital fluency by modeling ethical use when documenting sourcesDevelops digital fluency by identifying criteria of online citizenship and digital identity	<ul style="list-style-type: none">Actively participates in discussions by asking/ answering open-ended questions and sharing ideasSelects appropriate tools for communication and collaborationValues peers contributions through oral, written, or nonverbal feedback by offering open constructive criticismProblem solves collaboratively by making necessary compromises to accomplish a common goalCreates potential solutions and new ideas by applying knowledge in new and unfamiliar waysCreates original work with a personal connection within the assignment parametersRecognizes and uses a variety of credible sources and can identify existing biasTakes calculated risks during instruction, learns from mistakes, and refines work/thinkingUses appropriate types of reasoning (inductive, deductive, etc.) for the situationQuestions, summarizes, and makes predictions using provided digital tools/resourcesFormulates questions to guide researchDevelops digital research skills<ul style="list-style-type: none">Critically evaluates and chooses sources, media, and information appropriate for the taskManipulates technologies to explore and navigate information successfullyDevelops skills in ethical use & interpretation of digital materials<ul style="list-style-type: none">Practices responsible online citizenship and promotes ethical practice in the online communityDevelops digital skills in design & content communication<ul style="list-style-type: none">Builds and communicates knowledge using familiar digital tools	<ul style="list-style-type: none">Actively participates in student led discussions by initiating questions, developing ideas, and supporting an opinion with evidenceTakes risks that support innovation and communicates ideas thoroughly in intriguing and innovative waysIncorporates the contributions and perspectives of othersUtilizes technology tools appropriately to enhance the collaborative experienceReflects on individual role in collaborative experiences and encourages participation of all members of the groupEngages in self and peer reflection of the creative/innovation process and product and sets goals for the futureCompletes a culminating learning product that solves authentic, real-world problems and shares outcomes with audiences beyond the classroomUtilizes problem solving skills through iterations and testing solutionsEvaluates inferences, analyzes information, and draws conclusions based on information interpretationAsks questions that require self-directed research to build upon an ideaBrainstorms and suggests multiple solutions/prototypes to potentially solve problems (past or present) that extend assignment parametersDevelops digital research skills<ul style="list-style-type: none">Uses information and resources to build knowledge and pursue personal learningDevelops skills in ethical use & interpretation of digital materials<ul style="list-style-type: none">Demonstrates an understanding of how media messages shape individuals, culture, and societyApplies a fundamental understanding of the ethical/legal issues surrounding the access and use of informationCultivates and manages their digital identity and reputation, and recognizes the permanence of their actions in the digital worldDevelops digital skills in design & content communication<ul style="list-style-type: none">Manipulates and integrates digital elements to create original media