



# Centerville Depth & Complexity Conference

July 31, 2019

Centerville High School

***Attendees will receive a FREE J Taylor Education product at each session***

## **Planned Sessions:**

### ***An Introduction to the Depth & Complexity Prompts and their Icons***

Using Depth and Complexity to differentiate curriculum and instructional practices is a proven way to create challenging learning experiences for all students, including the G/T population. Explore interactive, classroom-tested procedures for introducing the Depth and Complexity Dimensions and their related Icon. Leave this session ready to incorporate Depth and Complexity on day one of the new school year.

### ***Making Depth & Complexity Work for ME!***

Have you attended previous trainings on Depth & Complexity and felt excitement to begin implementing in your classroom - and then realized you need more practice using the Framework with your own specific curriculum and content? This session is designed to model the integration of various components of Depth & Complexity into sample lessons, and then provide attendees with time to design at least one lesson that aligns to your content.

### ***Delving Deeper with The Content Imperatives and Iconic Combinations***

Are you familiar with the Depth & Complexity Prompts/Icons? You may be surprised to learn there are several more components that comprise The Depth & Complexity Framework. At this workshop, participants learn to use the five Content Imperatives: Origin, Parallel, Contribution, Convergence and Paradox. Using the Depth & Complexity Prompts with Content Imperatives produces deep, abstract thinking as iconic combinations instantly increase rigor within any task.

### ***Frames: Differentiating the Core Curriculum***

Frames are an instructional tool teachers or students can use to differentiate the core curriculum while instantly increasing challenge for all learners. Just as frames are selected to complement an artistic composition, educational frames are selected to highlight, extend, enhance, and focus attention on required instructional content. Each dimension of the frame outlines an option for teachers or students that guides learning and demands deep, abstract thinking. Create several Depth & Complexity Frames specific to your content and meet the web application "Frames-Maker" that will have you and your students making Frames in no time.

### ***Process Differentiation and the D&C Icons***

Process Differentiation is clearly under-utilized in our current educational system. We tend to marry process off with content or product, but it is a distinct and critical phase in learning. Help students make better meaning, deeper understandings and improved retention by differentiating process in your classroom. This session focuses on how to use learning profiles (creative, analytical, practical) with the Icons for Depth and Complexity to develop lessons differentiated for process. We will explore lessons, the foundational research behind these three thinker types, and will write a lesson to take and use immediately, employing the DC Icons to ensure a quality learning experience for students.

### ***The Depth and Complexity Icons' Best Friend: Critical Thinking Skills***

The Icons of Depth and Complexity were designed to be used with various levels of thinking skills. Practice mixing and matching the D & C Icons with a number of different thinking skills to develop countless tiered learning pathways. When combined with critical thinking skills, the Depth & Complexity Icons become even more versatile and powerful, prompting students to think abstractly and creatively.

### ***Let's TALK: Teaching ELLs with Depth and Complexity***

Discover how to provide ELLs with the opportunity to exhibit in-depth, complex thinking while also increasing achievement and proficiency in English. Examples of instruction that integrates both depth and complexity and second language acquisition will be shared, as well as student products in the Dual Language Classroom.

### ***Tiered and Differentiated Questions with Depth & Complexity***

Explore and create varied levels of questions using the Depth & Complexity Icons. Write a number of questions related to your own grade-level content with open-ended questions stems that promote complex thinking. Empower students to develop challenging questions using the dimensions of Depth & Complexity that necessitate the use of critical thinking skills to spark curiosity and exhibit an in-depth understanding of content.

### ***Depth and Complexity Icons within a Problem Solving Frame***

Getting young mathematicians to take ownership over their learning and math problem solving can be a challenging task. By embedding the Depth & Complexity Icons into the problem solving process, students are led to think critically and make the types of connections needed to be 21st century thinkers. Participants will have access to student work samples, problem solving frames, as well as have an opportunity to collaborate with others on various ways to implement the icons into their math classroom.