



## Texas Depth & Complexity Conference

### HEB ISD Professional Development Center

June 13, 2019

*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.

#### ***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.

#### ***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.

#### ***Raising the Bar: Teaching ELLs with Depth and Complexity***

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

### ***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.

### ***The "Differentiation Equation"***

This is where Depth & Complexity all began! Educators consistently face the dilemma of creating learning opportunities that constitute an appropriate challenge for varied levels of learners. Using the Differentiation Equation to develop limitless differentiated task statements helps solve this dilemma. Through the modification of content, process and products, the Differentiation Equation provides teachers with a comprehensive, yet easy and flexible way to empower deep and complex thinking.

### ***Research Projects with a Pinch of Depth & Complexity Makes All the Difference***

Learn how to use Depth and Complexity Icons to broaden your students' abilities to analyze and synthesize information. Research projects take on a new life when students explore topics through the various lenses of Depth & Complexity. Attendees will learn some effective research project techniques that will support them in organizing differentiated learning opportunities for students

### ***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.

### ***Depth & Complexity in Elementary Science***

Encourage your students to take a deep and complex look at science. Enhance curriculum through authentic learning that will add rigor, relevance, depth, and complexity to student's learning. Asking your students to think in deep and complex ways will guide them towards abstract thinking in a way they have not traditionally approached science curriculum. Specific samples of TX science content layered with Depth & Complexity will be provided.

### ***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.