

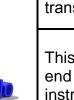


Elementary Mathematics Professional Learning

Understanding by Design



Understanding by Design is a trademarked idea by Jay McTighe and Grant Wiggins.



According to the <u>ASDC website</u>, "The Understanding by Design framework (UBD™ framework) offers a planning process and structure to guide curriculum, assessment, and instruction. Its two key ideas are contained in the title: 1) focus on teaching and assessing for understanding and learning transfer, and 2) design curriculum "backward" from those ends."



This process allows teachers to teach for understanding by starting with the end goal in mind (outcomes) to design their instruction. Teachers chose instructional strategies (activities) that help students demonstrate their understanding of the outcomes.



A 13-page PDF, <u>Understanding by Design® Framework</u>, by Jay McTighe and Grant Wiggins: This document explains the 3 stages he suggests for successful implementation (Identify Desired Results, Determine Assessment Evidence, Plan Learning Experiences and Instruction)



Video: What is UbD? Grant Wiggins Answers, with Video Cases (14:51 min)

Articles Books Research Authentic Education Website: What is Understanding by Design®?

Article: UbD in a Nutshell

Tool: Understanding By Design Unit Template