



Advanced Academics Differentiation Record Form

Differentiation for 5th Grade Students in the 1st Quarter

Subject Area:	Resources for Rigor	Critical and Creative Thinking Strategies	Thinking Routines	Additional Extensions
Math	A3: Awesome Advanced Ac...	Analogies	See Think Wonder Same and Different	Groundworks Hands-On Equations Nimble With Numbers Continental Math League Teacher Created Extension
During math throughout the first quarter, students engaged in a wide variety of independent collection and analysis of data and probability exploration. During workshop time, extension choices were made available that allowed for multiple access points and strategies for high-level engagement with whole number computation, algebraic reasoning, and patterns. Students were counseled to make wise choices about when it is most appropriate to apply logical reasoning, make lists, draw visuals, use tables or graphs, expand patterns, or estimate. Teachers stressed the importance of mathematicians staying flexible and considering how they might approach problem solving using varied resources like numbers, pictures, and words.				
ELA	SEM-R	Frayer Model Encapsulation	Same and Different See Think Wonder Creative Question Starts Values, Identities, Actions	Book Clubs / Literature Circles CCT Choice Board
Unit launches can spark curiosity, activate prior knowledge, foster student inquiry and discourse, consider multiple perspectives, and cultivate a collaborative culture. This quarter students engaged in Project Zero thinking routines Creative Question Starts and Values Identities Actions to launch CKLA units on Early American Civilizations and Poetry. Critical and creative thinking choice boards add rigor to ELA standards and align to the curricular content. These opportunities were thoughtfully embedded into whole-group instruction, small-group discussions, or used during independent practice.				
Science		Frayer Model	Think, Pair, Share I Used to Think... Now I Thi... See Think Wonder	
Teachers used various visible thinking routines and creative thinking strategies to support and deepen understanding of Energy and Matter. Teachers also employed Frayer Models, a graphic organization tool that allows students to dig more deeply into vocabulary to support conceptual understanding. Frayer Models break thinking into four parts (typically: definition, characteristics, examples, and non-examples) and can be adjusted to fit different concept needs.				
Social Studies		Mind Mapping	Think, Pair, Share Same and Different	Performance Task
Teachers used various visible thinking routines and creative thinking strategies to support and deepen understanding of Prehistory and the Fertile Crescent, and Meso-America.				
Specials		Creative Problem Solving Habits of Mind	See Think Wonder Thinking with Images	Teacher Created Exte...
When scheduling Q1 Innovator Wheel groups, staff was cognizant of student interests and abilities. An effort was made to prioritize choice and voice so students can take advantage of different enrichment learning settings.				