

Introduction to 3-Dimensional Learning: Shifts in Science Pedagogy:



This course is built around three platforms:

Platform 1. What is NGSS and the Framework?

Platform 2. Trying to implement 3D Learning

Platform 3. Using Phenomena

Each platform has multiple modules and assignments to help you build your understanding of 3D learning and what this looks like in your classroom. The following information will help you understand the expectations for each platform and what you will need to do to complete the coursework. **(As you move through the coursework choose the resources that help you understand. The expectation is that you will use what you need, not that you will read and use every resource.)**

Platform 1:

Quizzes: You will take a pre-quiz to start each module. If you get 100% on the quiz, the following module will unlock for you to move through. If you do not receive 100%, you will need to take a post-quiz to complete the module. **A post-quiz will only appear if you did not receive 100% on the pre-quiz.** To help build your understanding we have gathered multiple resources for each module.

Discussions: There will be discussions in some of platform 1 modules. These are required and will be worth points.

Face-to-Face: You will be required to attend at least one district 3D Professional Development to complete your course work.

Platform 2:

A La Carte Project: For this platform, you will need to complete an a la carte project. For this project, you have the choice of several different assignments. You can choose any combination of assignments, including repetitions of the same assignment, to **complete 50 points**. To help with these assignments, the following modules will provide you with information and resources to complete the project.

Platform 3:

Discussions: This platform will focus on using phenomena to engage and guide students learning. The assignments for this platform will use a series of tasks and discussions. Tasks will be embedded in the discussions. **You will need to complete all tasks and discussions to complete the platform.** To help with these assignments, the platform 3 module will provide you with information and resources to complete the project.

The table below has course completion time frames to make this course fit your learning style, time frame, and schedule. Please look at the recommended times to help you create your goal pace through the course. (This is not concrete but will help you in planning and completing the course.)

Quarter	5 hours a week, 9 weeks - 45 total hours
Semester	3 hours a week, 15 weeks - 45 total hours
3 Quarters	1.5 hours a week, 30 weeks - 45 total hours
School Year	1 hour a week, 45 weeks - 45 total hours

To enroll, contact your school STEM Lead. You will earn 3 USBE Credits for completion of course.

School	STEM Lead
Adams	Aarron Gonzales
Adelaide	
Antelope	
Bluff Ridge	Kim Eschler
Boulton	Kamie Logan
Bountiful	Samantha Segó
Buffalo Point	Kimberly Brown
Burton	Monica Cox
Canyon Creek	Lisa Hulet
Centerville	
Clinton	Jerian Miller and Kimberly Lund
Columbia	Pamela Johnson
Cook	Jeff Joy
Creekside	Kim Butterfield
Creekside	Laura Jensen
Crestview	Tammi Neese
Doxey	Xela Arnold
Eagle Bay	Christina Brimhall
East Layton	Jessie Edwards (Follett)
Ellison Park	Shawnette Sottosanti
Endeavour	Michelle Berg
Farmington	
Foxboro	Cole Wilkes
Fremont	Mark Hyatt
Heritage	Amber Hansen
Hill Field	Nikki Bean
Holbrook	Kamie logan
Holt	Lexi Carter
Kay's Creek	Ashtin Johnson
Kaysville	Teri Ewell
King	LaiLoni Elggren

School	STEM Lead
Knowlton	Kirstin Reed
Lakeside	Hollie Fisher
Layton	Sandra Barnum
Lincoln	Sheri Sume
Meadowbrook	Magali Cromar
Mountain View	Morgan Bardin
Muir	Nicky Robinson
Oak Hills	Stacy Stuart
Odyssey	Stacy Redd
Orchard	Jeanette Crossley
Parkside	Rachael Parrish
Reading	Kim Klinker
Samuel Morgan	Rebecca McClure
Sand Springs	RaeAnn Shelley
Snow Horse	Kim Howe
south Clearfield	Cathleen Gilbertson
South Weber	Erica Roe
Stewart	Amy Neal
Sunset	Emily STone
Syracuse	Ann Kutterer
Taylor	Kathryn Wilkinson
Tolman	Nicole Carter
Vae View	Alicia Madsen
Valley View	Wendi Stringfellow
Wasatch	Samantha HYTE
West Bountiful	Davina Schoulten
West Clinton	Kammy Hanson
West Point	Esmerelada Gonzalez
Whitesides	Marilyn Christensen
Windridge	Stacy Williams
Woods Cross	Sally Sadler

