

Professional Learning Course Outline

EDLD 5318

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BHAG: Learners (teachers) will identify blended learning using a station rotation model and implement this model within the math curriculum in a primary (K-2) classroom.

This professional development course will be a 5-day curriculum for teachers to complete online using the Canvas LMS.

Getting Started

Welcome and Introduction

Teachers will view a video by the instructor that explains the WHY behind taking this professional learning course and what the expected outcomes will be.

Course Calendar

Online Resources

Contact information

Day 1

Learning Goal: Teachers will analyze the use of blended learning and a station rotation model in the primary classroom setting.

1. Teachers will complete a Google Form survey (<https://forms.gle/Wq6iLLCTLFDPLdwK9>) in Canvas for the instructor to compare the level of prior knowledge the teachers have with Blended Learning.
 - a. Teachers will view the results to determine the pulse of the group.
2. Teacher will view a video about blended learning.
<https://www.youtube.com/watch?v=R-Lp6qQRyf4>
 - a. Teachers will view a slideshow about what Blended Learning is and is not.
 - b. Teachers will reflect on the video and presentation.
 - c. Teachers will answer the discussion question: What did you learn about Blended Learning and how do you think you can use it in your math classroom?
 - d. Teachers will reflect on two discussion posts from their peers.
3. Teachers will view a video about blended learning using a station rotation model.
https://www.youtube.com/watch?v=oY5iXxqe_WU&t=8s
 - a. Teachers will reflect on the video.
 - b. Teachers will answer the discussion question: How do you think blended learning with station rotations will help you teach the math TEKS (objectives) to your students?
 - c. Teachers will reflect on two discussion posts from their peers.

4. Teachers will read and reflect on classroom management techniques.
<https://www.edutopia.org/blog/tips-making-group-work-manageable-kristina-doubet-jessi-ca-hockett>
 - a. Teachers will post to the discussion any tips/tools they use for successful classroom management.
 - b. Teachers will comment on discussion posts from two of their peers.
5. Teachers will view a video about using blended learning with station rotations to teach math. <https://www.youtube.com/watch?v=x1OHpki8EvY>
 - a. Teachers will reflect on the video and post thoughts about using station rotations to teach math objectives.
 - b. Teachers will comment on two discussion posts from their peers.
6. Teachers will research an article or video about blended learning with station rotations. Teachers will post a summary of the article with the link for their peers to review.
7. Teachers will complete an End of Module Pulse Check and view their peers' responses.
<https://forms.gle/MbiTwfJxjR2bwtkm9>

Day 2

Learning Goal: Teachers will create math stations to implement student-centered learning.

1. Teachers will review TEKS (state objectives) for their grade level math curriculum.
 - a. Teachers will choose one TEK to implement into station rotations.
 - b. Teachers will post their TEK to the discussion board.
2. Teachers will view a video to reflect on best practices for implementing math station activities. <https://www.youtube.com/watch?v=rntydskeZs0>
 - a. <https://www.youtube.com/watch?v=27sD73GZCTs> – Guided math: Getting started with math stations.
3. Teachers will view a presentation on station rotations.
4. Teachers will research and reflect on station activities to put in a blended learning math station, making at least one station a digital station.
 - a. Teachers will post their station ideas in the group discussion for their grade level using the attached lesson plan template:
https://docs.google.com/document/d/1BG_dz1r1Uo9NtJSE1_CcSYpXvchphFiy/e/dit?usp=sharing&ouid=103117783094655517986&rtpof=true&sd=true
 - b. Teachers will comment on at least two peer discussion posts and lesson plans.
5. Teachers will view several videos describing how to create choice boards.
 - a. <https://www.youtube.com/watch?v=rdw6oz0q3AI>
 - b. <https://www.youtube.com/watch?v=7buU0vRaalQ>
 - c. <https://www.youtube.com/watch?v=nkZNBbRJDvaY>
 - d. Teachers will view a presentation about creating choice board lesson plans for stations.
 - e. Teachers will create a choice board using the format of their choice for the first week of the math curriculum and post to the discussion boards for peer review.
 - f. Teachers will post to the discussion board describing their choice board format for their classroom and explain why they chose that format.
 - g. Teachers will “like” and/or comment on posts from two of their peers.

6. Teachers will complete an End of Module Pulse Check, then view how their peers are also feeling about blended learning with station rotations. <https://forms.gle/FG1SSsqpH5ZvTYmq5>

Day 3

Learning Goal: Teacher will develop a plan that provides differentiation using technology within student-centered stations to show master of math standards using choice boards.

1. Teachers will view a video describing how to create differentiated elementary math choice boards. <https://www.youtube.com/watch?v=30dwPUthDw8>
 - a. Teachers will use the choice boards they created and work with grade level groups to collaborate and choose differentiated lessons for Module 1 of the district math curriculum.
 - b. Teachers will post their final choice board in the discussion group for their grade level.
 - c. Teachers will give feedback on the choice boards for at least two of their peers.
2. Teachers will learn how to create a rubric for evaluating students' station activities using standards based grading to check for mastery. Teachers will complete the following:
 - a. Teachers will read articles to learn about standards based grading for rubric creation:
<https://www.edutopia.org/article/getting-started-standards-based-grading/>
 - b. <https://www.skyward.com/discover/insider/march-2023/3-common-myths-about-standards-based-grading-debunked>
 - c. Teachers will watch videos to learn about creating rubrics for student-centered stations in order to evaluate and monitor student progress that allows for students-teacher collaboration. <https://www.youtube.com/watch?v=yW7ibkMgz0c>
 - d. <https://www.youtube.com/watch?v=FwXRuchz7jA> Rubric-maker.com
 - e. <https://www.youtube.com/watch?v=RvrXxe2j61E> Rubrics with Google forms
 - f. <https://www.youtube.com/watch?v=mpB0QWoN7I4> Rubrics with Google sheets
3. Teachers will post a completed rubric for their blended learning math stations that can be implemented for the entire year. Rubric will consist of student-friendly language by using Success Criteria in the form of "I Can" statements.
 - a. Teachers will reflect and give Feedback/Feedforward to at least two peers.
4. Teachers will complete an End of Module Pulse Check, then view how their peers are also feeling about building rubrics to evaluate math stations. <https://forms.gle/yZoctsZovvre9Diw5>

Day 4

Learning Goal: Teachers will reflect and analyze how the growth mindset will affect the success of student-led stations in the blended learning classroom.

1. Teachers will participate in reading about The Growth Mindset by Carol Dweck.
 - a. <https://www.edweek.org/leadership/opinion-carol-dweck-revisits-the-growth-mindset/2015/09>–Carol Dweck Revisits the Growth Mindset (opinion)
 - b. <https://www.mindsethealth.com/matter/growth-vs-fixed-mindset>
2. Teachers will participate in viewing a video about The Growth Mindset

- a. <https://www.youtube.com/watch?v=hiiEeMN7vbQ&t=2s>- Developing a Growth Mindset with Carol Dweck
 - b. <https://www.youtube.com/watch?v=isHM1rEd3GE>- Teaching a Growth Mindset with Carol Dweck
3. Teachers will discuss and reflect on The Growth Mindset by answering the following questions:
 - a. What mindset do you identify with the most regarding new teaching practices? A fixed mindset? A growth mindset? Or both?
 - b. How will you set the example and create a growth mindset in your classroom? With your team?
4. Teachers will respond to at least two discussion posts from their peers.
5. Teachers will complete an End of Module Pulse Check, then view how their peers are also feeling about adopting a growth mindset. <https://forms.gle/dFPQebquauFL1bEt7>

Day 5

Learning Goal: Learners will evaluate what their level of success will be implementing blended learning in the station rotation model for the math curriculum.

1. Teachers will reflect on what they learned about using choice boards, rubrics, and the station rotation model for math curriculum.
 - a. Teachers will post their thoughts on the discussion board and respond to at least two of their peers.
2. Teachers will submit a completed blended learning lesson plan using the provided template either for one week or one unit of study.
https://docs.google.com/document/d/1BG_dz1r1Uo9NtJSE1_CcSYpXvchphFiy/edit?usp=sharing&oid=103117783094655517986&rtpof=true&sd=true (Blended Learning Template)
3. Teachers will submit a completed rubric that will be used for the year.
4. Teachers will submit suggestions/feedback to using blended learning with station rotations in the math curriculum.
5. Teachers will complete an End of Module Pulse Check, then view how their peers are also feeling about building rubrics to evaluate math stations. <https://forms.gle/tFhTmiEqyTDX2zgd9>