

Tales from the Frontier



Oregon Trail SD's Journey into the AI Infused Learning Wilderness

Our Journey

1. Share our vision for a personalized learning environment at Oregon Trail.
2. Examine key implementation events.
3. Identify the successes and challenges in meeting individual student academic goals.
4. Share the current and future state of the personalized learning model.





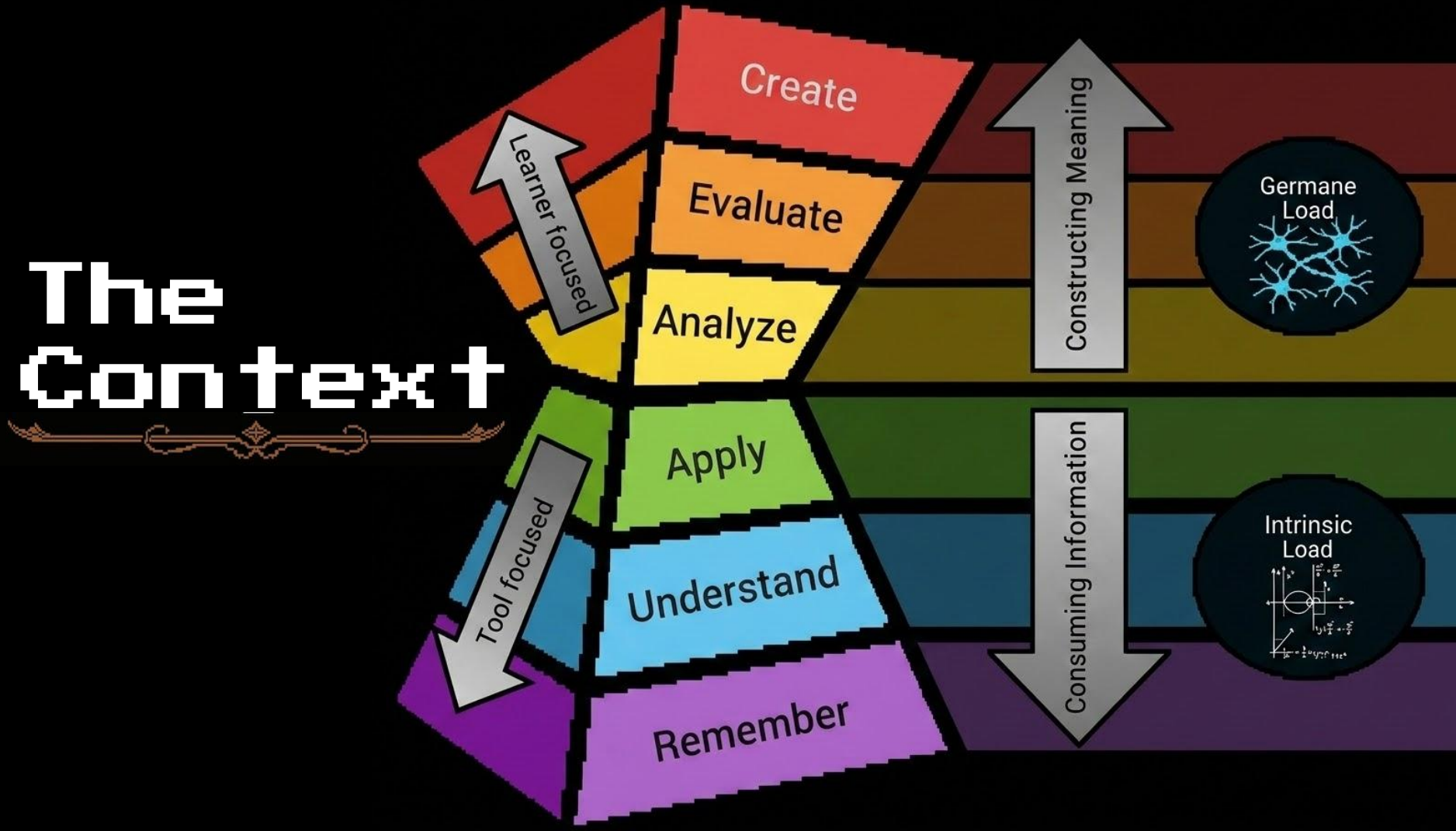
Dennis Lane
Dennis.Lane@ortrail.k12.or.us

Our Destination

A decorative flourish consisting of a horizontal line with ornate, symmetrical scrollwork at both ends and a central diamond-shaped ornament.

Build a personalized learning environment that ignites a spirit of exploration, meets every student where they are, and provides every student with the ability discover their own unique vantage point of understanding of the world.

The Context





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**Evening
News**

The Tool

Human Focus on "Soft Cycles"

Learning Guide

Incentive based Motivation

Adaptive Learning
Algorithm

Digital
Curriculum
for Math,
Reading,
Science, &
Social
Studies

Mastery Based Progression

25 minute Pomodoro Cycles

Self Directed
Goal Setting





**Oregon Trail School District
September 2, 2025**

The Adventure Begins

- ~ 1200 students, 27 teachers
 - 3 - Grade schools (3-5)
 - 3 Middle Schools
 - 1 Core instruction
 - 1 HS

Tech Challenges

- Account Generation
- Connections to Digital Tools
- Rostering
- Database Structure
- Teacher Dashboard
- Learning Algorithm Challenges



The Gradebook



How do educators track and communicate an asynchronous, nonlinear, individualized learning experience in a traditional gradebook?

Mastery Mindset



How do educators, students, parents, and education systems pivot from a time-bound system to a competency-bound system? 70% - 90%

Grade Level Instruction



How do ensure students moving out of a mastery system (OTSD) are exposed to Grade level content?

Parent Communication



How do communicate and buy in from parents and communist members with the changes to a personalized learning model?

Student Privacy



How do we ensure we protecting a student's right to privacy with the student's need of personalized mastery?



**Here lies
Motivention**

While their model continues
the tool is not ready yet.

Press SPACE BAR to continue

The Adventure Continues



- (Interim) Scaled back HS and targeting at MS
- Informative Diagnostic/Interims Assessment
- Variety of "Personalized Learning" Tools or "High Impact Tutoring"
- Shift scheduling around Instruction

A New Tool

Project Based Critical Thinking units

Teacher coaching

Aligning with current PBIS

Diverse Adaptive Learning Algorithm

Personalized And Diverse Curriculum for Math, Reading, & Writing

"Mastery" Based Progression

25 minute Pomodoro Cycles

Self Directed Goal Setting



Objective:

1. Outline our vision for a personalized learning environment at Oregon Trail.
2. Examine key implementation events.
3. Identify the successes and challenges in meeting individual student academic goals.
4. Share the current and future state of the personalized learning model.



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Questions

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