Using Canvas to Personalize Learning

Simplify Teaching. Elevate Learning.
Who Am I?

Christy Barham

- Strategic Customer Success Manager, Instructure
- Former Director of Digital Learning, Professional Development & Media, Rockingham County Schools
- 13+ years of education experience
- 2 kids, 16 and 18
- Love travel, theatre, books, Netflix and food :)

@barhamchristy
Who Are You?

Continuum
WHAT IS CANVAS?

I CAN TEACH YOU!
Today’s Agenda

See how Canvas helps you Personalize Learning with:

- Mastery Paths
- Learning Mastery Gradebook
- Conditional Release
- Quiz Settings
- Formative Assessment
- Student Engagement
- Feedback and Reflection
- Eportfolios
- and more….
POLL

How many teachers are implementing a personalized learning approach at your school(s)?

1. All teachers
2. Most teachers
3. Handful of teachers
4. No one.
5. I don’t know.
Impact student achievement | The Canvas Way

Curriculum

Instructional Strategies

Assessment
Students expect this kind of personalization to transcend school walls and apply to their everyday learning.
Hattie’s Visible Learning
1400+ Meta Analyses
80k Educational Studies
300 Million Students
John Hattie
THE ZONE OF DESIRED EFFECTS

- Self-Reported Grades: 1.44
- Response to Intervention: 1.07
- Providing Formative Evaluation: 0.9
- Reciprocal Teaching: 0.74
- Acceleration: 0.68
- Mastery Learning: 0.56

WHERE MOST TEACHERS "LIVE"

- Time on Task: 0.38
- Homework: 0.29
- Class Size: 0.21
- Learning Styles: 0.10
- Teacher Education: 0.01

Emily Boone
History 101
Section: History 101
Last login: 10:47 am

Grade: C
Missing: 3
Late: 3

Last 10 Graded Items:
- 14/15
- 15%
- 9/10
- 9/10
- 48/50
- 48/50
- ✓
- x
- 22/25
- 21/20
- 35/30
- 9.2/10

Activity Compared to Class:
- Participation: High
- Page Views: High
Personalized Learning

From Education Week “Personalized Learning: A Working Definition”

- Competency Based Progression
- Flexible Learning Environments
- Personal Learning Paths
- Learning Profiles
# Canvas for Personalized Learning

<table>
<thead>
<tr>
<th>Learner</th>
<th>Environment</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learner Profile</td>
<td>Cooperative Learning</td>
<td>Backwards Design</td>
</tr>
<tr>
<td>Goal Setting</td>
<td>Flexible Learning Spaces</td>
<td>Differentiation</td>
</tr>
<tr>
<td>Student Data-Tracking/Data Notebooks</td>
<td>Growth Mindset</td>
<td>The 5 Es</td>
</tr>
<tr>
<td>Student Voice &amp; Choice</td>
<td>Digital Environment</td>
<td>Inquiry Based Learning</td>
</tr>
<tr>
<td>Student-Led Conferences</td>
<td>Classroom Culture</td>
<td>Mastery Learning</td>
</tr>
<tr>
<td>Self-Assessment/Reflection/Metacognition</td>
<td>PBIS</td>
<td>Feedback &amp; Conferencing</td>
</tr>
<tr>
<td>Passion Projects</td>
<td>Opportunities to Think, Read, Write, Talk, &amp; Do</td>
<td>Evidence Based Strategies &amp; Protocols</td>
</tr>
<tr>
<td>E-Portfolios</td>
<td>Engagement Strategies</td>
<td>Formative Assessment</td>
</tr>
<tr>
<td>Family Engagement</td>
<td>Paces, Pathways &amp; Playlists</td>
<td>Authentic Assessment</td>
</tr>
<tr>
<td>Global Awareness &amp; Service Learning</td>
<td>Community Partnerships</td>
<td>Universal Design for Learning</td>
</tr>
<tr>
<td>Learning Contracts</td>
<td>Relevance</td>
<td>Rigor</td>
</tr>
</tbody>
</table>
• Promoting student engagement and motivation

• Assessing student readiness

• Teacher to a student’s zone of proximal development

• Responding to individual learning styles

• Using tiered approaches when grouping students for instruction
Differentiate instruction through:

- **Content** (the ‘what’)
- **Process** (the ‘how’)
- **Product** (the ‘demonstration of mastery’)

"..."
Differentiate based on learner interest, preference and need.
Collaborations:
Canvas leverages collaborative technology to allow multiple users to work together on the same document at the same time. Collaborative documents are saved in real-time, meaning a change made by any of its users will be immediately visible to everyone.

Groups:
Groups are a small version of a course and used as a collaborative tool where students can work together on group projects and assignments.
# Student Learner Profiles

## My Learner Profile At School

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>School subject(s) I enjoy and why:</td>
<td></td>
</tr>
<tr>
<td>What I enjoy most about school is:</td>
<td></td>
</tr>
<tr>
<td>What I find most challenging about school:</td>
<td></td>
</tr>
<tr>
<td>I get bored in class when we:</td>
<td></td>
</tr>
<tr>
<td>I am uncomfortable when people ask me:</td>
<td></td>
</tr>
<tr>
<td>Things that stress me out are:</td>
<td></td>
</tr>
<tr>
<td>Who do you work hard for? (i.e. yourself, family, teacher, etc.)</td>
<td></td>
</tr>
<tr>
<td>What stops you from starting and/or completing tasks?</td>
<td></td>
</tr>
<tr>
<td>Typing on Chromebook vs. Writing in Notebook</td>
<td></td>
</tr>
<tr>
<td>My favored learning environment is:</td>
<td></td>
</tr>
<tr>
<td><em>Use dropdowns to select</em></td>
<td></td>
</tr>
</tbody>
</table>

### Dropdown Options:
- [ ] Typing on Chromebook
- [ ] Writing in Notebook
UDL Principle II: Provide Multiple Means of Action and Expression

★ Mastery Paths
★ ePortfolios
★ Performance Assessments

“I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!”

Source: [https://assistivetechnologytidbits.wikispaces.com/About+UDL](https://assistivetechnologytidbits.wikispaces.com/About+UDL)
ePortfolios

- Students document learning
- Connect to “I can” statements or course objectives
- Video Reflection Logs
- Learning contracts
- Learn more
Formative Assessment for Personalized Learning

DATA → KNOWLEDGE → ACTION
### Assessments

#### Assignment Quizzes

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Due Date</th>
<th>Points</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>History Overview</td>
<td>Jun 8 11:59pm</td>
<td>11 pts</td>
<td>11</td>
</tr>
<tr>
<td>The Bill of Rights Quiz</td>
<td>Jul 8 11:59pm</td>
<td>10 pts</td>
<td>10</td>
</tr>
<tr>
<td>The Articles of Confederation and the Constitution Quiz</td>
<td>Jul 24 11:59pm</td>
<td>10 pts</td>
<td>10</td>
</tr>
<tr>
<td>Revolution Quiz</td>
<td>Aug 9 11:59pm</td>
<td>30 pts</td>
<td>18</td>
</tr>
<tr>
<td>Declaration of Independence Quiz</td>
<td>Aug 25 1:59pm</td>
<td>10 pts</td>
<td>5</td>
</tr>
</tbody>
</table>

#### Practice Quizzes

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Due Date</th>
<th>Points</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>History Practice Quiz</td>
<td>Aug 31 11:59pm</td>
<td>11 pts</td>
<td>11</td>
</tr>
</tbody>
</table>

#### Surveys

<table>
<thead>
<tr>
<th>Survey</th>
<th>Points</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Survey</td>
<td>10 pts</td>
<td>1 Question</td>
</tr>
</tbody>
</table>
Quiz Settings

- Multiple attempts
- Comments with feedback
- Assign to individuals or everyone
- Learn more
Mastery Paths

25 pts

- 25 pts
  - Lab Notebook - Scientific Measures and Scientific Method

- 20 pts
  - What is the Scientific Method?

- 13 pts
  - What Is A Lab Notebook And What Goes In One?
  - or
  - Lab Notebook - Ecology Virtual Lab

0 pts

- 10 pts
  - Lab Notebook - Microscopes

- 7 pts
  - Tools and Measurements
Conditional Release

- Prerequisites
- Require sequential order
- Requirements including minimum scores

Note: Each item is linked to the corresponding Canvas guide.
Rich Feedback
Learning Mastery Gradebook

- Track student progress on learning outcomes
- Student Learning Mastery view
- Learn more
- View NC CanvasCon presentation
CANVAS DEMO
Connections

- Hattie & Canvas
- Canvas & SAMR
  - SAMR Checklist
- Canvas for Curriculum Directors
- Canvas and Personalized Learning
- Getting to Know Mastery Paths
- Canvas Outcomes Checklist K12
- Considerations when setting up Outcomes K12
NEW THING
Questions?