

## Intel® Teach Elements

# Designing Blended Learning

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**Instructions:** Click any of the activity names in the Contents to go directly to that section. On a PC, click or press Ctrl+click to make your selection. On a Mac, press Command+click. Type your notes in the sections indicated.

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## Module 1: Blended Learning Overview

### Lesson 1: Blended Learning Basics

#### Activity 3: Why Blended Learning

**Estimated Time:** 10 minutes

What are your motivations for learning about or pursuing blended learning? Record your ideas below.

I consider myself an early adapter and have been using technology in my classes for a long time. I first heard about blended learning at a conference and was excited by the idea that technology could not only be used to enhance learning and engage students, but it could be used to personalize instruction to better meet individual student needs.

## Module 1: Blended Learning Overview

### Lesson 2: Blended Learning Models

#### Activity 3: The Flipped Classroom

**Estimated Time:** 10 minutes

Where do you see yourself on the blended learning continuum? Choose one.

Mostly Online    More Online    Even Mix    **More Face-to-Face**    Mostly Face-to-Face

Where on the blended learning continuum would you like to be in six months? Choose one.

Mostly Online    More Online    **Even Mix**    More Face-to-Face    Mostly Face-to-Face

What are some changes you will need to make?

Instead of thinking of whether each unit or lesson should be blended, I would like to move towards thinking about my classroom as a whole being blended. An LMS would help me put a blended classroom structure in place.

## Module 1: Blended Learning Overview

### Lesson 3: Blended Learning Shift

#### Activity 3: Technology Shift

**Estimated Time:** 10 minutes

How do you see your role changing in a blended environment?

Since doing more blended learning, I've spent more time preparing for class. I really enjoy

creating screencasts, videos, and podcasts for my students, as well as moderating online discussions. During class, I have more time to help individual students and have a better grasp of each student's needs. As I move towards more blending, I see this continuing and being able to give each student more of an individualized learning experience.

How do you see the role of technology in your classroom shifting?

Well, I'm already using a lot of technology and only see this growing. I try to stay up to date on trends and like to experiment with new tools and resources. I'd like to have a paperless classroom.

## **Module 1: Blended Learning Overview**

### **Lesson 4: Module Review**

#### **Activity 1: Module Summary**

**Estimated Time:** 5 minutes

Reflect on your learning in this module.

I really liked hearing from other teachers about their blended learning ideas and experiences. I also found the blended learning continuum helpful for planning. I can see how ultimately, I'd love my classroom to move towards being more online on the continuum, because I think this would best meet the needs of my students. I am very interested in having a flipped classroom.

## Module 2: A Blended Learning Framework

### Lesson 1: Considerations for Blended Learning

#### Activity 3: Content Standards and Objectives

**Estimated Time:** 15 minutes

What purposes are you considering when designing blended learning for your classroom?

Purposes of Blended Learning

- Differentiation
- Flexibility
- Student Engagement
- New Technology

Student engagement, differentiation, new technologies

What content would you like to address with blended learning strategies?

Medieval history

What blended learning design best fits with your content and objectives?

Blended Learning Designs

- Single blended unit
- Integration of blended strategies into several units

I'm going to focus on a single unit.

## Module 2: A Blended Learning Framework

### Lesson 2: Technology and Blended Learning

#### Activity 2: Available Technology

**Estimated Time:** 15 minutes

Describe your impressions of the technology your students have access to.

Location	Available Technology
In school	Tablets with audio, video, and image creation; computers
Out of school	Tablets with audio, video, and image creation; most have computers

How do you see access to technology influencing your blended learning design?

Since students have easy access, I want to take advantage of different tools.

## Module 2: A Blended Learning Framework

### Lesson 3: Blended Instructional Activities

#### Activity 5: Independent Learning Activities

**Estimated Time:** 15 minutes

Brainstorm some ways you could make blended learning activities part of your instruction.

Instructional Activity	How You Might Use It in a Blended Environment
Communication	<ul style="list-style-type: none"><li>Online discussions about different roles in medieval society</li><li>Face-to-face or online discussion about characteristics of the Middle Ages</li></ul>
Collaboration	<ul style="list-style-type: none"><li>Microblog about the films for other students participating in the activity</li><li>Diagram comparing Middle Ages to current time</li><li>Project work brainstorm using social network and online discussion</li><li>Collaborative documents for project work</li></ul>
Presentation	<ul style="list-style-type: none"><li>Share projects in face-to-face and online environments</li></ul>
Independent Learning	<ul style="list-style-type: none"><li>Explore online exhibits on the Middle Ages, taking notes and preparing for discussion</li><li>View a film that takes place in medieval times and discuss in an online discussion forum (optional)</li><li>Watch online video of lecture on European social structure</li><li>individual project work</li></ul>

## Module 2: A Blended Learning Framework

### Lesson 4: Plans for Blended Learning

#### Activity 2: Examples of Blended Learning

**Estimated Time:** 15 minutes

Sketch your plan for implementing blended learning.

Option 1: Integration of blended learning strategies throughout several units

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Option 2: Blended unit

**Week 1**

- Participate in online discussion forum about different roles in medieval society followed by face-to-face small group K-W-L chart.
- Explore online exhibit on the Middle Ages, taking notes to prepare for discussion.
- Participate in face-to-face small group discussion about characteristics of Middle Ages.
- Optional: View a film that takes place in medieval times and discuss in an online discussion forum. Microblog about the films to other student participating in the activity.
- In face-to-face environment, read textbook chapter and complete online quiz.

**Week 2**

- Watch online video of lecture on European social structure in the Middle Ages.
- In face-to-face small groups, complete diagram comparing Middle Ages to current times.
- Download project description and rubric.
- Meet face-to-face with small group to brainstorm ideas for project and follow up with a conversation on a social network.
- Continue brainstorming in online discussion.
- Meet face-to-face with small group to plan project and assign tasks.
- Explore links to tutorials on different tools students might use for projects.

**Week 3**

- Work on tasks independently and post updates in an online document.
- Meet with small group to discuss progress and make adjustments as necessary.
- Watch video lecture on art, government, and economy of Middle Ages. Complete worksheet with questions in classroom.
- Optional: Read more about a person, event, or a topic from medieval times and post a summary on the class wiki.
- Share projects in face-to-face and online environments.
- Take exam online.

## Module 2: A Blended Learning Framework

## Lesson 5: Module Review

### Activity 1: Module Summary

**Estimated Time:** 5 minutes

Reflect on your learning in this module.

This module helped me start to plan my medieval unit. It's really helpful to think of the purposes of blended learning. I'm getting excited about moving towards a flipped classroom. In my medieval unit, I will try out some flipping.



## Module 3: Tools and Resources for Blended Learning

### Lesson 1: Learning Management Systems

#### Activity 3: Success with Learning Management Systems

**Estimated Time:** 15 minutes

What learning management systems would you like to investigate? Create a list of LMS features and tools that might be most beneficial for your blended learning environment.

Learning Management System	Features and Tools to Look For
<a href="#">Moodle</a>	<ul style="list-style-type: none"><li>• <a href="#">Social networking</a></li><li>• <a href="#">Calendar</a></li><li>• <a href="#">Discussions</a></li><li>• <a href="#">Mail</a></li><li>• <a href="#">Assessments</a></li><li>• <a href="#">Teacher Web page</a></li></ul>
<a href="#">Schoology</a>	
<a href="#">Desire2Learn Learning Environment</a>	

## Module 3: Tools and Resources for Blended Learning

### Lesson 2: Tools for Blended Learning

#### Activity 5: Teacher Productivity Tools

**Estimated Time:** 10 minutes

Which tools from the Blended Learning Toolkit would you like to incorporate in your blended learning design?

Curriculum Presentation Tools
<a href="#">Videocast, videoconferencing, online simulations</a>
Collaboration and Social Media Tools
<a href="#">Synchronous conferencing, project management tool</a>
Digital Media Tools
<a href="#">Videocasting for students, comic generators</a>
Teacher Productivity Tools
<a href="#">Assessment generator, task tracker</a>

## Module 3: Tools and Resources for Blended Learning

### Lesson 3: Support for Blended Learning

#### Activity 1: Professional Resources

**Estimated Time:** 10 minutes

What professional resources could help support you in the process of implementing your blended learning plan?

Professional Resource	How It Will Support Implementation
<a href="#">The Flipped Class Network</a>	Get support with flipped classroom
<a href="#">Intel Teachers Engage</a>	Join a group focused on blended learning

## Module 3: Tools and Resources for Blended Learning

### Lesson 4: Module Review

#### Activity 1: Module Summary

**Estimated Time:** 5 minutes

Reflect on your learning in this module. What tools and resources are you most likely to use in your blended learning design?

I'm excited about the tools and resources I learned about in this module. I am most likely to start using an LMS. I have a deeper understanding of the types of LMSs available and the differences in functionality as well as my purposes for using an LMS.

## Module 4: Assessment and Blended Learning

### Lesson 1: Purposes of Assessment

#### Activity 2: Formative Assessment

**Estimated Time:** 15 minutes

Describe formative assessment methods you currently use in your classroom and the purposes they serve.

Assessment Purposes

- Gauging Student Needs
- Encouraging Self-Direction and Collaboration
- Checking Understanding

Formative Assessment Methods	Assessment Purposes
K-W-L-H charts, discussions	Gauging student needs
Checklists, journals	Encouraging self-direction and collaboration
Rubrics	Checking understanding

Discuss the assessment goals you have for your blended learning plan.

I want to vary the assessment methods I use during my medieval unit and incorporate both formative and summative assessment.

## Module 4: Assessment and Blended Learning

### Lesson 2: Formative Assessment Strategies

#### Activity 3: Formative Assessment of Content

**Estimated Time:** 15 minutes

Describe the formative assessment methods you will use to address all purposes in your blended learning plan. Be sure to include formative assessment of both content and learning processes.

Formative Assessment Purposes	Assessment Methods
Gauging Student Needs	Questioning
Encouraging Self-Direction and Collaboration	Self-direction rubric project peer feedback
Checking Understanding	Final scoring guide, online final essay exam

## Module 4: Assessment and Blended Learning

### Lesson 3: Summative Assessment

#### Activity 4: Portfolios

**Estimated Time:** 10 minutes

Describe the kinds of summative assessment you will use to support blended learning in your classroom.

In the medieval unit, I plan to use an online final essay exam—students will take the exam online, and it will be open-book to assess whether they have met the objectives of the unit. I'll also use a project scoring guide to assign grades to students' final projects.

## Module 4: Assessment and Blended Learning

### Lesson 4: Assessment Timelines in Blended Classrooms

#### Activity 2: Sample Assessment Plans

**Estimated Time:** 20 minutes

Describe the assessment methods and instruments, and how you will use them to support learning in your blended classroom.

Timeline	Assessment Purposes	Instrument or Tool	How It Will Be Used
Before Unit	Gauging Student Needs	K-W-L-H chart	Students will work face-to-face in small groups.
	Gauging Student Needs	Informal questioning	I'll ask informal questions to determine students' understanding of medieval times, help them become more self-directed, and prompt metacognitive thinking.
During Unit	Encouraging Self-Direction and Collaboration	Online quiz	Student will take an online quiz after watching a video presentation and reading from the textbook.
	Encouraging Self-Direction and Collaboration	Self-direction rubric	A rubric will be used during project work to assess self-direction skills.
	Encouraging Self-Direction and	Project peer feedback	Students will view each other's projects online and give electronic feedback.

	Collaboration		
	Encouraging Self-Direction and Collaboration	Online discussion checklist	A discussion checklist will be used to self-assess students' contributions to online discussion and set goals for future discussions.
End of Unit	Checking Understanding	Final project scoring guide	I will use a project scoring guide to assign grades to students' final projects.
	Checking Understanding	Online final essay exam	Students will take an online open-book test to assess how well they met the objectives of the unit.

## Module 4: Designing Blended Learning

### Lesson 5: Module Review

#### Activity 1: Module Summary

**Estimated Time:** 5 minutes

Reflect on your learning in this module.

I have a good grasp of how I will assess my students during the medieval unit. Using online tools to assess students will be new for me.

## Module 5: Blended Learning Implementation

### Lesson 1: Considerations for Implementation

#### Activity 3: Blended Learning Program Evaluation

**Estimated Time:** 15 minutes

Reflect on the various considerations for blended learning implementation. How will you incorporate each one in your blended learning design?

Implementation Consideration	How It Will Be Incorporated
<b>Skills Training</b>	I've been creating video mini-lessons on technology skills which will be available to students.
<b>Pedagogy</b>	Technology will support and enhance instruction in my medieval unit.
<b>Parent Support</b>	Currently, I send home a Blended Learning Handbook for parents, which includes the benefits and advantages of blended learning. I also set up an instructor contact tool using the LMS and have a social network account for parents.
<b>Student Support</b>	I'd like to develop a mentoring program between more and less experienced students.
<b>Program Evaluation</b>	I plan to evaluate how blended learning better meets the needs of my students—looking at learning outcomes, motivation, and student interaction.
<b>Student Feedback</b>	I will have students provide feedback through reflections and conferences.

## Module 5: Blended Learning Implementation

### Lesson 2: Blended Classroom Management Strategies

#### Activity 4: Safe and Ethical Online Learning

**Estimated Time:** 15 minutes

What steps will you take to ensure safe and ethical online learning?

Online Learning Consideration	Plan of Action
<b>Internet Safety</b>	I will share Internet Safety Tips with my students before beginning a blended learning unit.

<b>Netiquette</b>	I will review online behavior expectations with my students.
<b>Academic Integrity</b>	We will discuss academic integrity with examples of appropriate and inappropriate behaviors.

## Module 5: Blended Learning Implementation

### Lesson 3: Blended Learning Challenges

#### Activity 2: Diverse Student Needs

**Estimated Time:** 10 minutes

Reflect on the blended learning challenges you may encounter. How will you address these challenges?

Blended Learning Challenge	Possible Solutions
Students are absent or forget content.	I will record online teaching sessions and create videocasts that all students will have access to outside of class time.
High achieving students are not challenged.	Students can create videocasts to share with other students.
Special needs students don't understand the material.	I will find other resources to help students understand the content as well as have frequent conferences with students.

## Module 5: Blended Learning Implementation

### Lesson 4: Module Review

#### Activity 1: Module Summary

**Estimated Time:** 5 minutes

Reflect on your learning in this module. How will you successfully implement your blended learning plan?

I feel better equipped to implement my blended learning plan because I've thought through a lot of the logistics and management issues.
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## Course Wrap-Up

### Summary

**Estimated Time:** 15 minutes

How will you use the ideas presented in the course?

I plan to take blended learning to the next level and move up the blended learning continuum. I've begun to experiment with the flipped classroom model and have started to explore LMS systems. I think the changes in my classroom will help students be more self-directed and independent learners.