

Module 1

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can projects help my students meet standards and develop 21st century skills?
- How can I use projects to enhance student learning?

Module 1

Teaching with Projects

Objectives

Participants will:

- Discuss the Intel® Teach Essentials Course goals and expectations
- Create Portfolio folders for saving unit materials
- View the Unit Plan Template, Portfolio Rubric, and sample Unit Portfolios
- Review research on unit planning and a project-approach to learning
- Create publications to explain projects to others
- Reflect on their learning
- Begin planning technology-enhanced units that target higher-order thinking and 21st century skills

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software

Module 2

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can Curriculum-Framing Questions help support my students' learning?
- How can I plan ongoing student-centered assessment?

Module 2

Planning My Unit

Objectives

Participants will:

- Identify standards for units
- Create objectives for units
- Discuss and develop Curriculum-Framing Questions
- Discuss and brainstorm assessment methods and strategies
- Create assessments that gauge student needs
- Create Unit Portfolio presentations
- Reflect on their learning
- Refine standards, objectives, and Curriculum-Framing Questions for units

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software
- Presentation software

Module 3

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can I use the Internet to support my teaching and students' learning?
- How can I ensure responsible and appropriate use of the Internet?

Module 3

Making Connections

Objectives

Participants will:

- Share Unit Portfolio presentations and gauging student needs assessments
- Discuss how to meet standards with projects
- Examine and discuss copyright laws and Fair Use guidelines as they pertain to education
- Create Works Cited documents
- Explore Internet resources for use in research, communication, and collaboration
- Evaluate Internet resources
- Modify Unit Plans
- Reflect on their learning
- Plan how to use Internet collaboration and communication tools in units

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software
- Presentation software

Module 4

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can the creation of a student sample help me clarify my unit expectations and improve my instructional design?
- How can I ensure students will achieve the learning objectives when creating their student projects?

Module 4

Creating Samples of Learning

Objectives

Participants will:

- Share ideas for incorporating the Internet into units
- Discuss ways to ensure students use the Internet safely and responsibly
- Create and assess student sample presentations, publications, wikis, or blogs
- Modify Unit Plans
- Reflect on their learning

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software
- Presentation software

Module 5

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How do I assess student learning?
- How do I involve students in the assessment process?

Module 5

Assessing Student Projects

Objectives

Participants will:

- Share student samples
- Discuss ideas for involving students in the assessment process
- Reflect on their current assessment practices
- Refine Assessment Plans
- Create assessments for student samples
- Revise and assess student samples
- Modify Unit Plans
- Reflect on their learning

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Intel® Education *Assessing Projects* application
- Web browser
- Word processing software
- Presentation software

Module 6

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can I help my students become self-directed learners?
- How can I support the diverse needs of learners?

Module 6

Planning for Student Success

Objectives

Participants will:

- Share student samples and assessments
- Discuss how to help students become self-directed learners
- Research ways to differentiate instruction for all students
- Create assessments for student self-direction
- Create support materials to scaffold student learning
- Modify Unit Plans
- Reflect on their learning
- Begin planning facilitation materials needed for unit

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Intel® Education *Assessing Projects* application
- Web browser
- Word processing software
- Presentation software
- Spreadsheet software

Module 7

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can I facilitate a student-centered classroom?
- How can I use technology to support my instructional practice?

Module 7

Facilitating with Technology

Objectives

Participants will:

- Discuss how to use various questioning techniques
- Create presentations, documents, spreadsheets, or web-based resources to support a student-centered classroom
- Plan for and discuss unit implementation ideas
- Create management resources
- Modify Unit Plans
- Reflect on their learning
- Assess Unit Portfolios
- Locate professional development and technology resources for educators

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software
- Presentation software
- Spreadsheet software

Module 8

Essential Question

- How can technology be used most effectively to support and assess student learning?

Module Questions

- How can I prepare for and facilitate an effective showcase?
- How can I provide constructive feedback?

Module 8

Showcasing Unit Portfolios

Objectives

Participants will:

- Prepare and showcase Unit Portfolios
- Evaluate the Intel® Teach Essentials Course
- Receive Certificates of Completion

Tools

- Intel® Teach Essentials Course Curriculum Resource CD
- Intel® Education *Help Guide*
- Web browser
- Word processing software
- Presentation software
- Spreadsheet software

Appendix

Appendix