Intel® Education Transforming Learning: Student Engagement with One-to-One Course

Syllabus

Description: The *Student Engagement with One to One* course will introduce educators to one of the most powerful factors affecting student achievement – student engagement. Participants will explore strategies in one to one learning environments, for transforming their units to better engage students by rethinking their content, student work products and teaching and learning processes. They will learn to identify the characteristics of engaged learners, assess their students' level of engagement and reflect upon their own teaching practices for engaging students.

Course Themes:

- Characteristics of engaged learners and the connection to student achievement
- Strategies for engaging students in their learning
- Transforming units to engage students in one to one classrooms
- Exploration of the range of use of technology tools to support student engagement
- Classroom management issues and solutions for a one-to-one classroom

Course Outcomes:

Participants will:

- Identify characteristics of engaged learners and assess their students' level of engagement
- Explore a framework of key elements for engaging students in their learning in a one to one classroom
- Select and transform their own unit to better engage students
- Chart their units in a Curriculum Map and incorporate elements to engage students in those units
- Explore a range of use of technology for engaging students in a one to one classroom
- Investigate classroom management issues and solutions for a one to one learning environment
- Create an action plan for continuing to transform their units to engage students

Course Length:
Five (5) online, self-paced modules, each requiring approximately 1 hour to complete, plus additional time to transform a participant's unit and to complete a Curriculum Map.

Module One: Student Engagement with One to One

In Module 1, participants explore student engagement and the connection to deep learning necessary for students to achieve. They learn about the types and levels of student engagement and characteristics of engaged learners. Participants are introduced to a framework to guide them in transforming their units to engage students and begin to explore a range of technology for supporting student engagement in one to one classrooms.

Objectives - Teachers will:
- View examples of engaged learners in one to one learning environments and reflect upon their own teaching practices.
- Understand the meaning of student engagement, the characteristics of engaged learners, and the connection between engagement and deep learning.
- Explore the different types and levels of student engagement and assess their students' level of engagement.
- Envision a highly engaged classroom by investigating engaging games.
- Learn about a framework for transforming units that engage students.
- Begin to explore a range of use of technology to support student engagement in a one to one learning environment.

Lessons and Activities:
Lesson 1: Student Engagement Introduction
           Activity 1: Engagement of All Learners
Lesson 2: Student Engagement Defined
           Activity 1: Engaged Learners and Achievement
           Activity 2: Engaged Learner Characteristics
           Activity 3: Deep Learning and 21st Century Skills
           Activity 4: Disengaged Students
Lesson 3: Types and Levels of Student Engagement
           Activity 1: Types of Student Engagement
           Activity 2: Profiles of Engaged Learners
Lesson 4: Strategies for Engaging Students
           Activity 1: Characteristics of an Engaged Classroom
           Activity 2: Engagement Framework
           Activity 3: Technology in One to One Classrooms
           Activity 4: Curriculum Map Activity
Lesson 5: Module Review
           Activity 1: Module Summary

Module Two: Student Engagement through Content

In this module, participants explore four key characteristics of content that promote student engagement in one to one classrooms. They begin to transform their own unit content by incorporating those characteristics, and add ideas for engaging students to their Curriculum Map.

Objectives - Teachers will:
- Identify four key characteristics of content that promote student engagement in a one to one classroom
- Apply characteristics of content to the transformation of their own unit to better engage students
- Chart their units in a Curriculum Map and add ideas for enhancing unit content for student engagement
- Explore technology tools for engaging students with content in one to one classrooms.

Lessons and Activities:

Lesson 1:   Introduction to Engagement through Content
                    Activity 1: Contrasts in Practice
Lesson 2:   Components of Engaging Content
                    Activity 1: Student Engagement through Novelty
                    Activity 2: Student Choice and Engagement
                    Activity 3: Content Organization
                    Activity 4: Challenge and Engagement
Lesson 3:   Transforming Practice
                    Activity 1: Revision for Student Engagement

Module Three: Engagement through Student Products

In Module 3, participants review aspects of authentic intellectual work, identify the key elements of authentic learning, and learn about the powerful role authentic work plays in student engagement. They learn three teaching and learning strategies that support students as they create authentic work products. Participants then incorporate these strategies into their own unit, and plan similar modifications for their curriculum.

Objectives - Teachers will:
- Learn why engagement is valuable in both school and the workplace.
- Identify strategies to create lessons that enable students to develop authentic work products.
- Understand the importance of clear criteria and the role of technology in improving student engagement.

Lessons and Activities:

Lesson 1:   Engagement and the Workplace
                    Activity 1: Guests from the Business World
                    Activity 2: Characteristics of Authentic Work
                    Activity 3: Rating Authenticity
                    Activity 4: Your Turn

Lesson 2:   More on Engaging Students through Products
              Activity 1: Clear Criteria
              Activity 2: 21st Century Tools
              Activity 3: Scenarios of Use
Lesson 3:   Transforming Products
              Activity 1: Transforming Practice
              Activity 2: Lesson Transformation
              Activity 3: Transform Your Own Unit
Lesson 4:   Module Review
              Activity 1: Module Summary

Module 4: Processes for Engaging Students

In Module 4 participants explore processes for helping students to make sense of content. These processes provide opportunities for students to connect with other people in productive, safe and authentic ways to deepen their thinking. Participants examine lessons that incorporate processes for engaging students in one to one classrooms and apply those processes in the transformation of their own unit. They continue to add ideas to their Curriculum Map for engaging students.

Objectives – Teachers will:

- Contrast lessons with processes that engage students with lessons that are more traditional
- Explore characteristics of units with processes that engage students
- Continue to transform their own unit by incorporating engaging processes
- Add ideas for incorporating engaging processes to their units in their Curriculum Map
- Explore technology tools for supporting engaging processes in one to one classrooms.

Activities:

Lesson 1:   Engaging Processes
              Activity 1: Two approaches for the same lesson
              Activity 2: Three processes that engage
Lesson 2:   Contrasts in Practice
              Activity 1: Processes in the Classroom
              Activity 2: Collaboration in the Classroom
              Activity 3: Affirmation in the Classroom
              Activity 4: Intellectual Safety
Lesson 3:   Unit Transformation
              Activity 1: Now You Try It
              Activity 2: Robert and Yvette Transform the Lesson
              Activity 3: Transform Your Own Unit
              Activity 4: Module Summary

Module 5: Supporting Engaged Learning in One to One Classrooms

In Module 5, participants consider the implications for classroom management when engaging students in a one to one classroom. They develop their own classroom management plan by exploring the concepts of self-directed behavior, students as

management partners and digital citizenship. They conclude the course by completing the transformation of own unit to better engage their students, and by reviewing and enhancing their Curriculum Map to include engaging elements.

Objectives – Teachers will:
- Identify the key elements of classroom management
- Define and promote self-directed behavior, students as management partners and digital citizenship in one to one classrooms
- Complete the transformation of their own unit to better engage their students
- Incorporate additional ideas in their Curriculum Map for engaging their students in learning.

Lessons and Activities:

Lesson 1:   Classroom Management in One to One Classrooms
        Activity 1: Key Elements of Classroom Management
        Activity 2: Plan for Proactive Classroom Management
        Activity 3: Promote Self-Directed Behavior
        Activity 4: Students as Management Partners

Lesson 2:   Digital Citizenship and One to One Classrooms
        Activity 1: Digital Citizenship Defined
        Activity 2: Teaching Digital Citizenship Assessment

Lesson 3:   Engaged Learning in Your Classroom
        Activity 1: Module review
        Activity 2: Complete Your Unit Plan