

Intel® Teach Elements: Assessment in 21st Century Classrooms

Discussion Questions

Module 1: 21st Century Learning

Lesson 0: Welcome

Discuss your assessment practices and needs. What assessment methods are working well for you? What about assessment in your classroom would you like to change?

Module 1: 21st Century Learning

Lesson 1: 21st Century Classrooms

Activity 1: Roles in the 21st Century

1. How do your students show characteristics of 21st century students? How have these characteristics affected teaching and learning in your classroom?
2. Discuss ways in which you and your colleagues are 21st century teachers? How do you and they:
 - Collaborate with other teachers?
 - Use technology in your classroom?
 - Act as a facilitator of your students' learning?
 - Use multiple forms of assessment for content and 21st century skill development?
3. Discuss the quotations on the fourth screen, Education Beliefs, of Activity 1. With which quotations do you agree or disagree? What do these quotations mean for 21st century students and teachers?
4. What impact are Common Core State Standards and Next Generation Science Standards having on your teaching and your students' learning? What challenges are you experiencing?

Module 1: 21st Century Learning

Lesson 2: 21st Century Skills in the Classroom

Activity 1: Introduction to 21st Century Skills

Discuss the role of 21st century skills in your teaching. Are these skills explicitly part your curriculum? Are they included in mandated tests? Are any initiatives or programs in place to address the instruction and assessment of these skills in the classroom?

Module 1: 21st Century Learning

Lesson 3: 21st Century Assessment Practices

Activity 1: The Role of Formative Assessment

Discuss how formative assessment benefits your classroom? What kinds of changes would you need to make in your assessment practices to include more formative assessment?

Module 1: 21st Century Learning

Lesson 3: 21st Century Assessment Practices

Activity 2: Summative Assessment

Discuss your summative assessment practices. How do you address 21st century skills in summative assessment?

Module 1: 21st Century Learning

Lesson 3: 21st Century Assessment Practices

Activity 3: Perspectives on Assessment

Discuss challenges you have experienced with assessment. How have students, parents, administrators, or colleagues responded to your efforts to change assessment methods? What strategies have you tried to address these challenges?

Module 2: Assessment Strategies

Lesson 1: Assessment Purposes

Activity 2: Overview of Assessment Purposes

Discuss your experiences with assessment for different purposes. Which purposes do you assess for the most? Which would you like to work on?

Module 2: Assessment Strategies

Lesson 1: Assessment Methods

Activity 2: Overview of Assessment Methods

Discuss your experiences with different assessment methods, such as

- Discussions
- Graphic Organizers
- Journals
- Peer Assessment
- Observation
- Conferences
- Products and Performances
- Portfolios

Module 2: Assessment Strategies

Lesson 3: Focus on Rubrics

Activity 3: Rubric Development

Discuss how you use rubrics and checklists in your classroom. How might you use these instruments in new or different ways to improve your students' learning? How can you modify rubrics to meet new standards?

Module 3: Assessment Methods

Lesson 1: Assessment and Instruction

Activity 2: Instructional Activities as Assessment

Discuss how you might integrate assessment methods as part of classroom activities

- Graphic Organizers
- Journals and Learning Logs
- Discussions
- Products and Performances

Lesson 2: Self- and Peer Assessment

Activity 1: Foundations of Self- and Peer Assessment

Discuss how you could use Let's Assess to promote self- and peer assessment. What units or projects do you currently teach where you could use the app?

Module 4: Assessment Development

Lesson 1: Important Learning Goals

Activity 1: Focus on Learning Goals

Discuss the role that 21st century skills play in your academic standards. Which skills are explicitly targeted? Which are implied?

Module 5: Assessment in Action

Lesson 1: Student Roles in Assessment

Activity 1: Increased Student Responsibility

Considering your students and their experiences with peer assessment, discuss any concerns about transitioning them to be successful assessors? Brainstorm possible solutions.

Module 5: Assessment in Action

Lesson 2: Self-Assessment

Activity 2: Supporting Metacognition

After reviewing the **Metacognition** document, discuss what resources and strategies you would use to support self-assessment and metacognition. Explore the *Assessing Projects* application for resources and share how you might use what you have found.

Module 5: Assessment in Action

Lesson 3: Assessment Management

Activity 1: Assessment Management Strategies

Discuss how you will organize and track student assessment data and how you will help your students organize their assessment data

Module 5: Assessment in Action

Lesson 5: Grading in a 21st Century Classroom

Activity 2: Grading Systems

Discuss the strategies will you use to assign grades to student work and processes?