

Challenge Session

Symposium on the
Currency of Micro-credentials

Unconference





Big Idea: Submission Assessment

Essential Question: How do we continue to improve inter-rater reliability and assessor certification?

Guiding Questions

What do we need to know to solve this challenge?

- How do I create a whole systems approach to MC assessors that includes
- What could norming calibration protocols look like for districts; states?
- How can practicing teachers be utilized in ongoing assessment and feedback to earners?
- Could micro-credentials be designed with multiple rubrics to meet the need of the learner? (differentiate)
- How do we get systems to trust the assessment?
- How do we generate different transparency mechanisms into the process to learner quality
- Is there a way to better prepare classrooms and educators for micro-credentials?
- Each micro-credential should include a more explicit rubric for assessors.

Guiding Activities

How will we answer our questions?

- Create a base model for assessment, and how can that base model be differentiated/modified to suit the needs of various stakeholders
- Create a model for how feedback is provided to educators; Including bias training.
- Refine/Establish existing partner processes/plan for certifying assessors.
 - synchronous and asynchronous assessor training/certification
- Explore the creation of virtual training, live webinars, online mentoring. Digital Promise taking the lead on this.
- Learn from other organizations; implementation, lessons learned, and best practices.
 - This includes learning from one another on norming

Act

Designing our Solution



Solution

What is a solution to our challenge?

Assessor Training (certification)

- Develop synchronous model
 - Virtual Meetings (live)
 - Training on norming
- Develop asynchronous model
 - Virtual Learning experiences
 - Virtual mentoring, check-ins
- Facilitate information sharing between organizations (guidance and onboarding)
- Create a "social element to Assessor training"
 - Between assessors and issuers



Audience

Who is the primary audience for our solution?

- **Issuers/Developers**
 - Creating value
- **Educators**
 - Communicating theory of change
- **Assessors**
 - Onboarding
- **State-level administrators**
 - Getting buy-in



Roles and Resources

Who will need to be involved and what do we need to support the solution?

- **Issuers/Developers**

- Best practices documentation, general guidance and exemplars for assessment modelling.

- **Educators**

- How to incorporate micro-credentials into your practice and best practices for submissions

- **Assessors**

- Assessor certification program that includes lessons learned from Digital Promise and other organizations

- **State-level administrators**

- High level value prop of micro-credentials along with



Evaluation Methods

How will we know if our solution works?

- If the assessments generated by the assessors match exemplars
- Conduct pilots with an eye for handoffs and workflow optimization
- Setting goals and substantiating outcomes with data
- Program evaluation; measurements of fidelity

The image shows handwritten mathematical work on a piece of paper. At the top, there is a simple partial fraction decomposition: $\frac{1}{x^2+1} = \frac{Ax+B}{x^2+1}$. To the right, a more complex decomposition is shown: $\frac{1}{(x^2+1)^2} = \frac{Ax^2+Bx^2+C}{x^2+1} + \frac{Ex^2+Fx^2}{(x^2+1)^2}$. Below this, the equation $1 = Ax + B$ is written, followed by $= 0$ and $= 1$. A note says "Case 4-ish: All 3 other cases." The main part of the work is a partial fraction decomposition of $\frac{1}{(x+1)(x-2)^2(x^2+1)^2}$. The decomposition is written as $\frac{1}{(x+1)(x-2)^2(x^2+1)^2} = \frac{A}{(x+1)} + \frac{B}{(x-2)} + \frac{C}{(x-2)^2} + \frac{Dx+E}{x^2+1} + \frac{Fx+G}{(x^2+1)^2}$. The final equation is $1 = A(x-2)^2(x^2+1)^2 + B(x+1)(x-2)(x^2+1)^2 + C(x+1)(x-2)^2(x^2+1)^2 + \dots$