



Engagement

2024 Virtual Teaching Hackathon

Team Names, Titles, Roles

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Problem Selection and Solution Overview



Key Problem

- How to minimize distractions in class by creating engaging lessons.

Approach

- Create engaging lessons to minimize distractions.
- Utilize multimedia and interactive platforms to enhance engagement.

Strategies and Implementation

- Use instructional coaches and interventionists.
- Incorporate engaging multimedia lessons and simulations to increase interactive learning.
- Regularly use brain breaks to maintain student engagement.

Supporting Materials



Brain Break Resources

- [Colorado Educational Initiative](#)
- [Guess the AI Generated Imposters](#)
- [WhenTaken](#)
- [Connections Puzzle Template](#)
- [StoryboardThat](#)
- [Booklet Review](#)
- [Which element on the periodic table are you?](#)

Interactive Multimedia Learning Platforms

- [PHET Simulations](#)
- [Desmos Classroom](#)
- [HHMI Biointeractive Activities](#)

Informational Resources

- “Reimagining Student Engagement: From Disrupting to Driving” – Amy Berry
- [NASA Resources for Educators](#)
- [Ck-12](#)
- [Concord Consortium](#)
- [NGSS Phenomenon](#)