

JESSICA CATHCART

CONTACT



269-228-1633



jessbusk@umich.edu



<https://jessbusk.wixsite.com/buskcathcartportfolio>

CERTIFICATION

STATE OF MICHIGAN
Elementary Education K-5
Language Arts 6-8
Renewal Process

EDUCATION

MAKER EDUCATION
GRADUATE CERTIFICATION
Rutgers University
New Brunswick, NJ |
September 2021

MASTERS OF EDUCATIONAL
TECHNOLOGY
Arizona State University
Phoenix, AZ | October 2018

BACHELORS OF ARTS IN
EDUCATION, LANGUAGE ARTS
University of Michigan
Ann Arbor, MI | May 2014

AWARDS

READING INTERVENTION
EXCELLENCE
Clinicians' Choice Award | 2016
Lindamood-Bell Learning
Processes

PROFESSIONAL EXPERIENCE

ACADEMIC TECHNOLOGY COORDINATOR | SPEYER SCHOOL
JULY 2018-PRESENT | NEW YORK, NEW YORK

INSTRUCTION + CURRICULUM

- Created and taught interdisciplinary engaging STEAM experiences across grade K-4, fostering student agency and empathy
- Collaborated with instructors K-8 to integrate digital storytelling, digital citizenship, design and systems thinking, and programming and robotics across curriculum
- Organized Code Buddy classes, sparking cross divisional partnership
- Planned projects and AV setup for grade level culminating events
- Managed Maker's Lab and cart supplies, monitoring stocks and ordering for extended projects as needed
- Implemented improved Maker's Lab safety measures and training

COMMUNITY INVOLVEMENT + ENRICHMENT

- Piloted Girls' Design Squad mini-clubs for all girls K-4, introducing them to diverse female role models through bibliotherapy, peer partnership, and middle school mentorship
- Led Girls Who Code after school courses, generating more interest in STEAM fields for young women
- Supported Middle School Girls' Affinity group in building bonds with 4th graders, easing transition into middle school
- Coordinated Maker Family events, offering opportunities for collaboration and creativity during school vacations
- Served as first female head coach for 7th/8th grade girls' basketball
- Hosted choice time coding conversations and clubs for enrichment

TECH INTEGRATION + SUPPORT

- Analyzed and integrated edtech into classroom experiences, enhancing instruction, student engagement, and reflection
- Created grade level landing pages using Google Sites, streamlining communication during distance and hybrid learning
- Curated comprehensive training and resources for all school constituents in Seesaw, Padlet, GSuite, Zoom, and other tech tools
- Maintained a fleet of Chromebooks, iPads and databases and assisted with HelpDesk requests

ADMISSIONS

- Directed and developed remote and in person Little Maker's Admissions events for K/1 applicants, showcasing STEAM learning
- Presented Maker's Lab curriculum to prospective and current families during tours and admission's events

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PROFESSIONAL DEVELOPMENT

CreateCodeLoad 30 Day
Scratch Challenge
FEBRUARY 2022

Seesaw Connect
Global Online Academy
AUGUST 2020

Designing for Online Learning
Global Online Academy
AUGUST 2020

ISTE 2019, Presenter
Philadelphia, PA
JUNE 2019

IMSE Orton-Gillingham
Secaucus, NJ
AUGUST 2018

NJAIS Innovation Symposium,
Presenter
Princeton, NJ
AUGUST 2018

Project Zero: Agency by
Design
Morristown, NJ
JULY 2018

Learning and the Brain
Boston, MA
NOVEMBER 2017

EdTechTeacher Summit
Boston, MA
NOVEMBER 2016

EXPERIENCE CONTINUED

KINDERGARTEN TEACHER | PECK SCHOOL
FEB. 2018 -JUNE 2019| Morristown, NJ

- Designed and implemented engaging lessons in all subjects, considering development of the whole child
- Collaborated with teaching team and Director of Reading, delivering individualized, multi-sensory phonics and reading lessons using Orton-Gillingham, Lindamood-Bell, and Fountas and Pinnell methodologies

K-1 DESIGN LAB LEAD INSTRUCTOR | PECK SCHOOL
SEPT. 2017- JUNE 2019 | Morristown, NJ

- Authored and facilitated design thinking projects, encouraging learners to think creatively, practice empathy, collaborate, and solve authentic problems in K and 1
- Coached colleagues in utilizing Agency by Design through presentations and instructional planning meetings
- Co-planned engaging, horizontally aligned STEAM experiences with technology integrator and science teacher
- Piloted Kindergarten "Free Design Thursday" to elevate student creativity, collaboration, and problem-solving
- Wrote narratives for K-1 students, describing growth each term

FOURTH GRADE ASSOCIATE TEACHER | PECK SCHOOL
SEPT. 2016- FEB. 2018 | Morristown, NJ

- Developed and taught technology-rich lessons, design challenges, and simulations to enhance curriculum
- Mentored associates in technology and literacy practices, authoring a digital portfolio course still used in the program
- Served as assistant 7th/8th girls' basketball coach

SECOND GRADE TEACHER | ST. AUGUSTINE CATHEDRAL SCHOOL|
AUG. 2014 - JUNE 2016 | KALAMAZOO, MI

- Designed and provided engaging instruction in all subjects aligned with second grade curriculum standards using Understanding by Design framework
- Fostered classroom community through intentional social curriculum, improving student relationships
- Analyzed MAP data to determine individual student goals and groupings, maximizing student growth