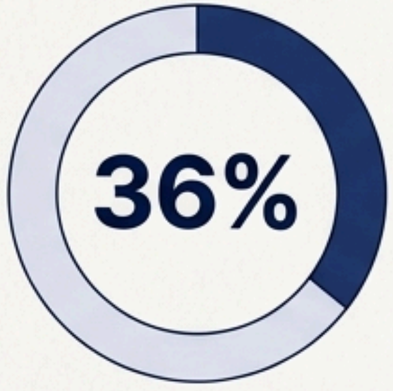
Architects of Tomorrow

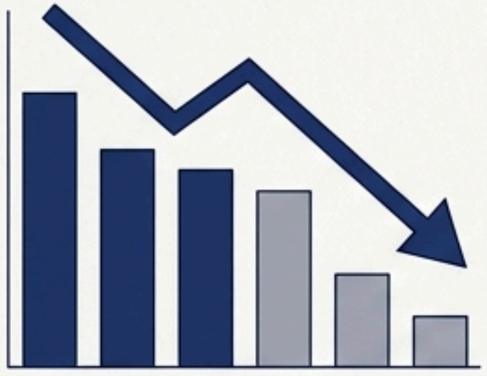
Scaling Future-Ready Innovation in Wichita Public Schools



The Dual Imperative: Recognizing a National Crisis

The Engagement Crisis





36%
of students report feeling happy in traditional school settings.

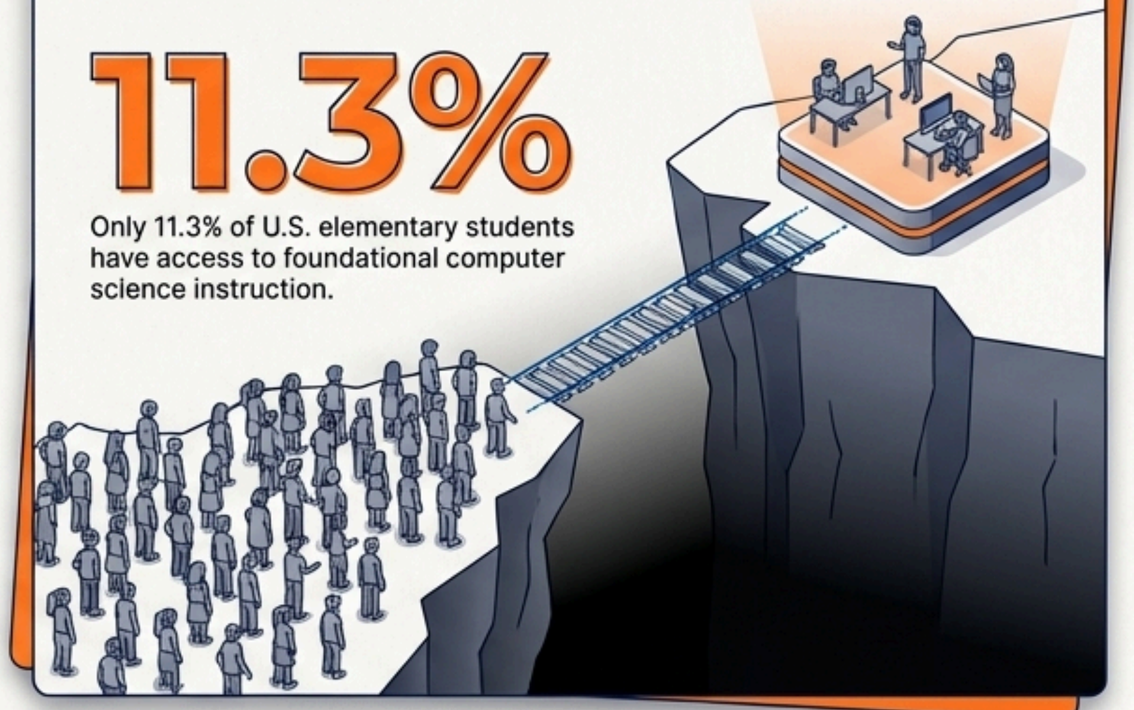
35
percentage-point decrease in intrinsic motivation observed in conventional models.

10-14%
of parents are actively choosing alternatives like microschooling—doubling since 2021.

The Opportunity Chasm

11.3%

Only 11.3% of U.S. elementary students have access to foundational computer science instruction.



These are not separate issues. They are symptoms of an outdated structural design.

Our Local Solution: Two Strategic R&D Hubs



Creative Minds

Role: The Engagement Prototype.

Focus: Solving the engagement crisis through passion-led, mastery-based microschooling.

WPS
Future-Ready



Spaght Code to the Future

Role: The Opportunity Prototype.

Focus: Closing the tech chasm through America's first comprehensive K-5 computer science immersion.

Prototyping the future of education locally to solve massive national crises systematically.

Creative Minds: A New Structural Blueprint



Intentionally Small

A modern one-room schoolhouse approach where every child is seen, heard, and known deeply.



Radically Flexible

Dominated by Project-Based Learning (PBL). Learning adapts to the child, not the calendar.



Deeply Personal

A child's unique passion becomes their specific pathway to academic mastery.

A public, district-run microschool proving what's possible when students lead.

The Engine of Engagement: Quarterly Investigations



Q1: Identity & Biodiversity

Who am I and what is my place in the natural world?

Q2: Community & Culture

How do we build and belong to communities?

Q3: Art & Innovation

How can we express ourselves and solve problems creatively?

Q4: Health & The Cosmos

How do we care for ourselves and explore new frontiers?


tive Minds
Est. 2024

Redefining the Currency of Competency

Replacing traditional A-F grades with Mastery Badges.

Students earn badges representing both knowledge and character, building a comprehensive portfolio of their unique **skills** and accomplishments.

Progression is based on **readiness**, not seat time.



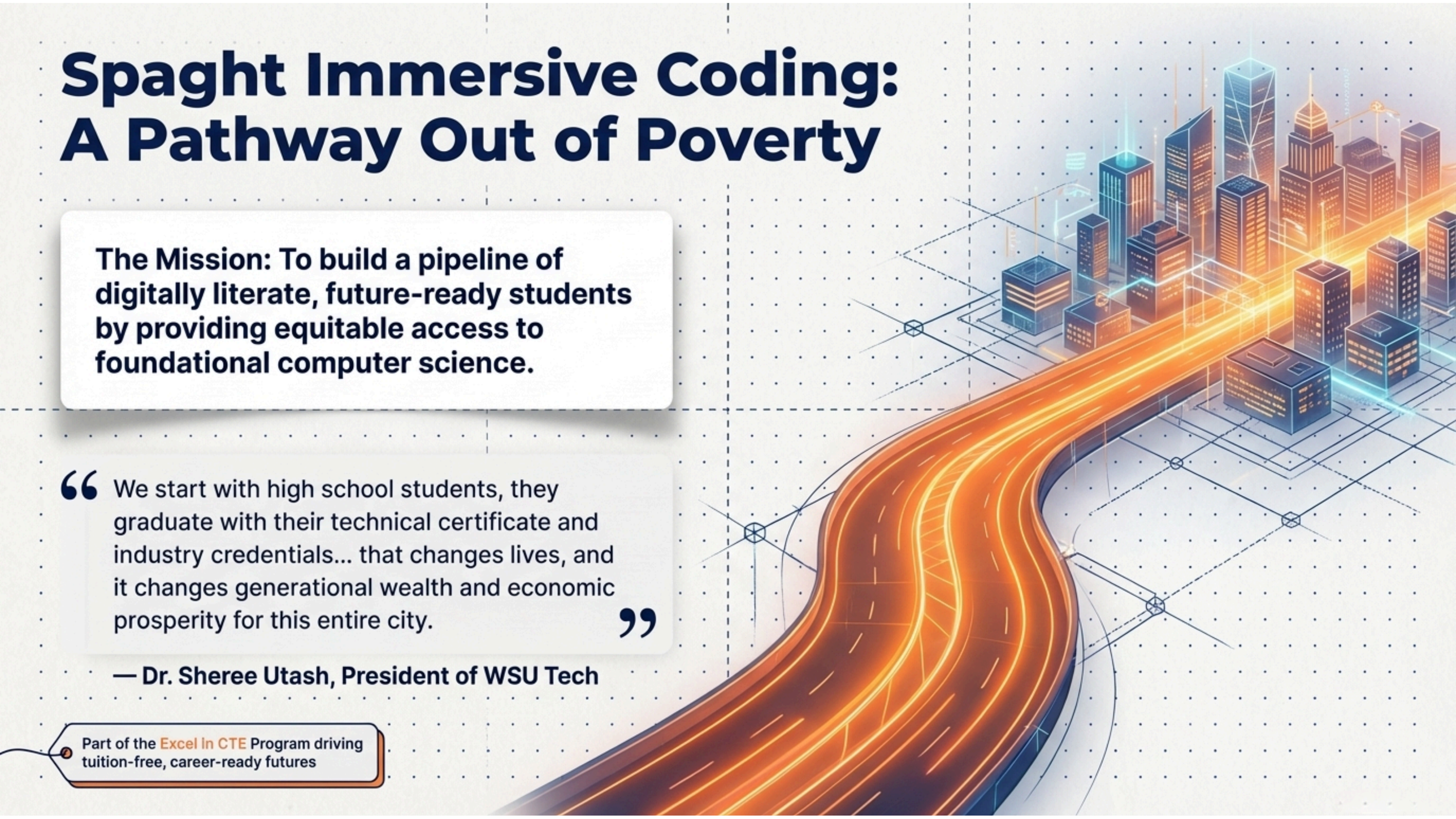
Spaght Immersive Coding: A Pathway Out of Poverty

The Mission: To build a pipeline of digitally literate, future-ready students by providing equitable access to foundational computer science.

> We start with high school students, they graduate with their technical certificate and industry credentials... that changes lives, and it changes generational wealth and economic prosperity for this entire city.

— Dr. Sheree Utash, President of WSU Tech

Part of the Excel In CTE Program driving tuition-free, career-ready futures



SPAGHT SPRING: CODE TO THE FUTURE SHOWCASE

MAY 11

2316 E. 10th St. N, Wichita, KS 67214

PRESENTATION SCHEDULE

Kindergarten:	2:00–2:30 PM
2nd–5th Grade:	2:30–3:30 PM
Formal Presentation:	3:00–3:30 PM
1st Grade:	3:30–4:00 PM

OPPORTUNITY PROTOTYPE

Spaght program's strategic role in closing the tech equity chasm.



Parents and community partners invited!

Cracking the Code: The K-5 Activation Curve

Staircase of Mastery



The Power of Proof

0.769

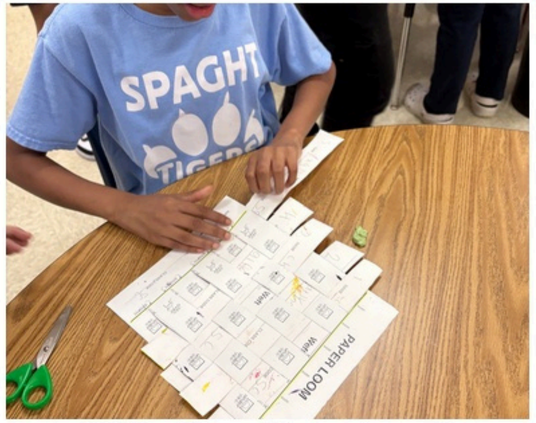
The effect size from a meta-analysis of 42 studies on block-based programming. The average student receiving this instruction outperforms 78% of students in control groups.

Spaght's Coding Journey

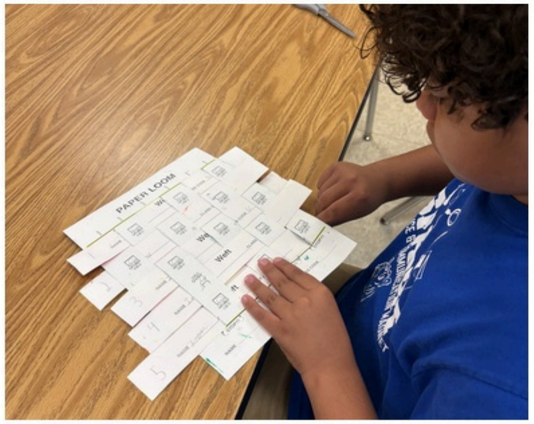
Teaching Computer Science Through Art & Tangible Making



Spaght Tiger Weaving Paper Loom



Finished Paper Weave Artwork



Collaborative Coding & Art



Building Logic Hands-On

Where paper looms meet programming logic — coding becomes creative, tangible, and accessible for every learner.

Breaking Things to Build Better

1. Challenging Seat-Time

Moving to mastery-based progression independent of the traditional clock.



2. Redefining Certification

Navigating teacher licensure for dynamic, multi-age, multi-disciplinary environments.

3. Hacking Procurement

Rewriting traditional purchasing rules to secure non-traditional learning tools and immersive tech.

Every barrier we broke taught us exactly what our system needs to change to support future-ready models.

The Shared DNA: Aligning Two Distinct Models

Dimensions	Creative Minds	Spaght Immersive
Core Pedagogy	Passion-Led PBL & Mastery Bands	Comprehensive Block-Based Immersion
Currency of Competency	Customized Mastery Badges	Stackable Industry Credentials
Primary Catalyst	The Learner's Intrinsic Interests	Mentorship & On-Site Coaching
WPS Strategic Goal	Re-engaging the disconnected learner	Bridging the generational wealth gap

Distinct flavors. Identical structural integrity.

Measuring What Matters: Evidence of Impact

