

Winter 2023



Fielding
International

Visioning
Kick-Off

February 13, 2023

Vision
Implementation

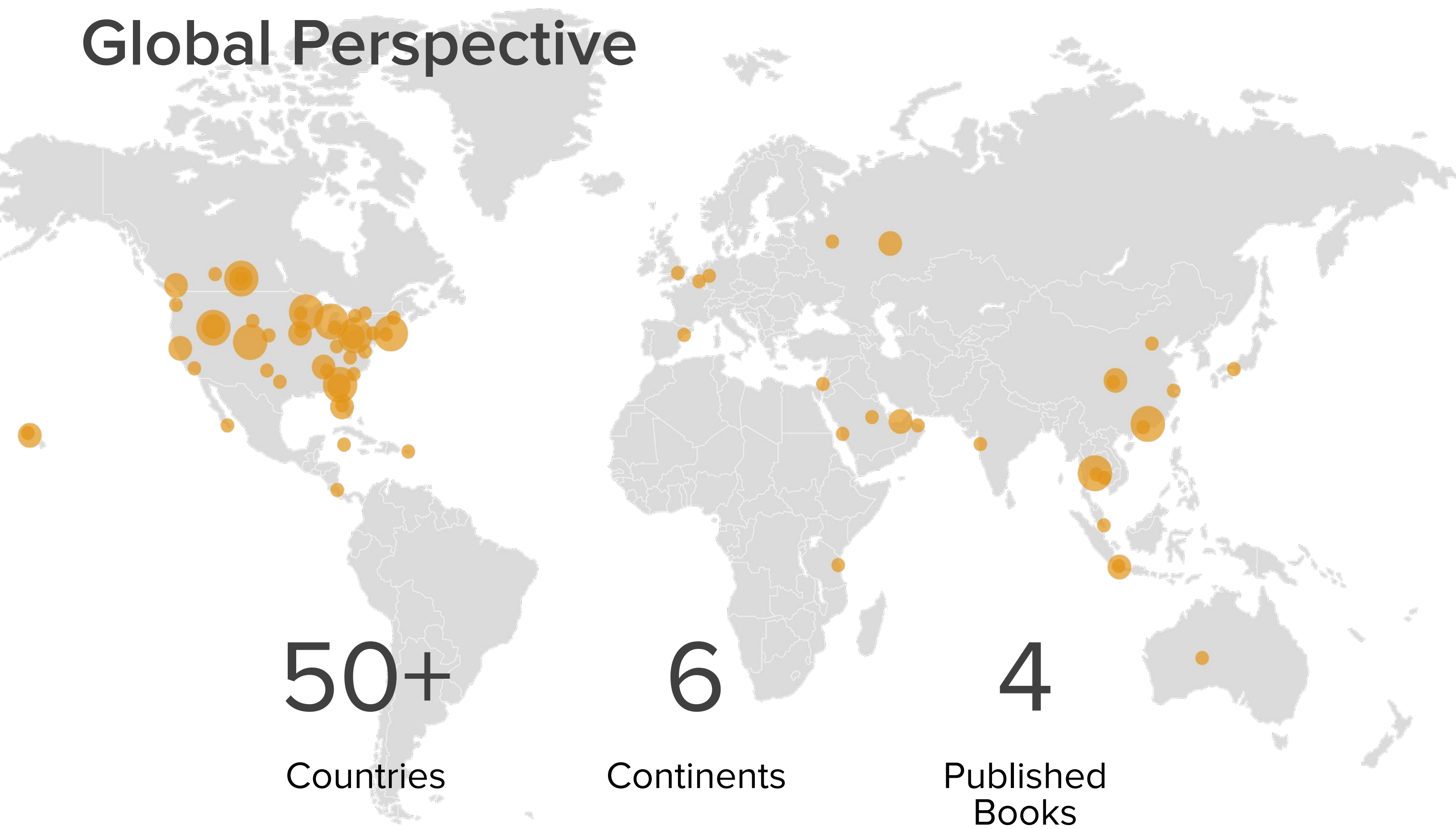


Fielding
International

Designing schools where learners **thrive**



Global Perspective



50+

Countries

6

Continents

4

Published
Books

Introductions

**1.
Your
Name**

**2.
Your
Role and
Time in
District**

**3.
Your
Hope for
this Work**



What is Vision Alignment and Why Do it?

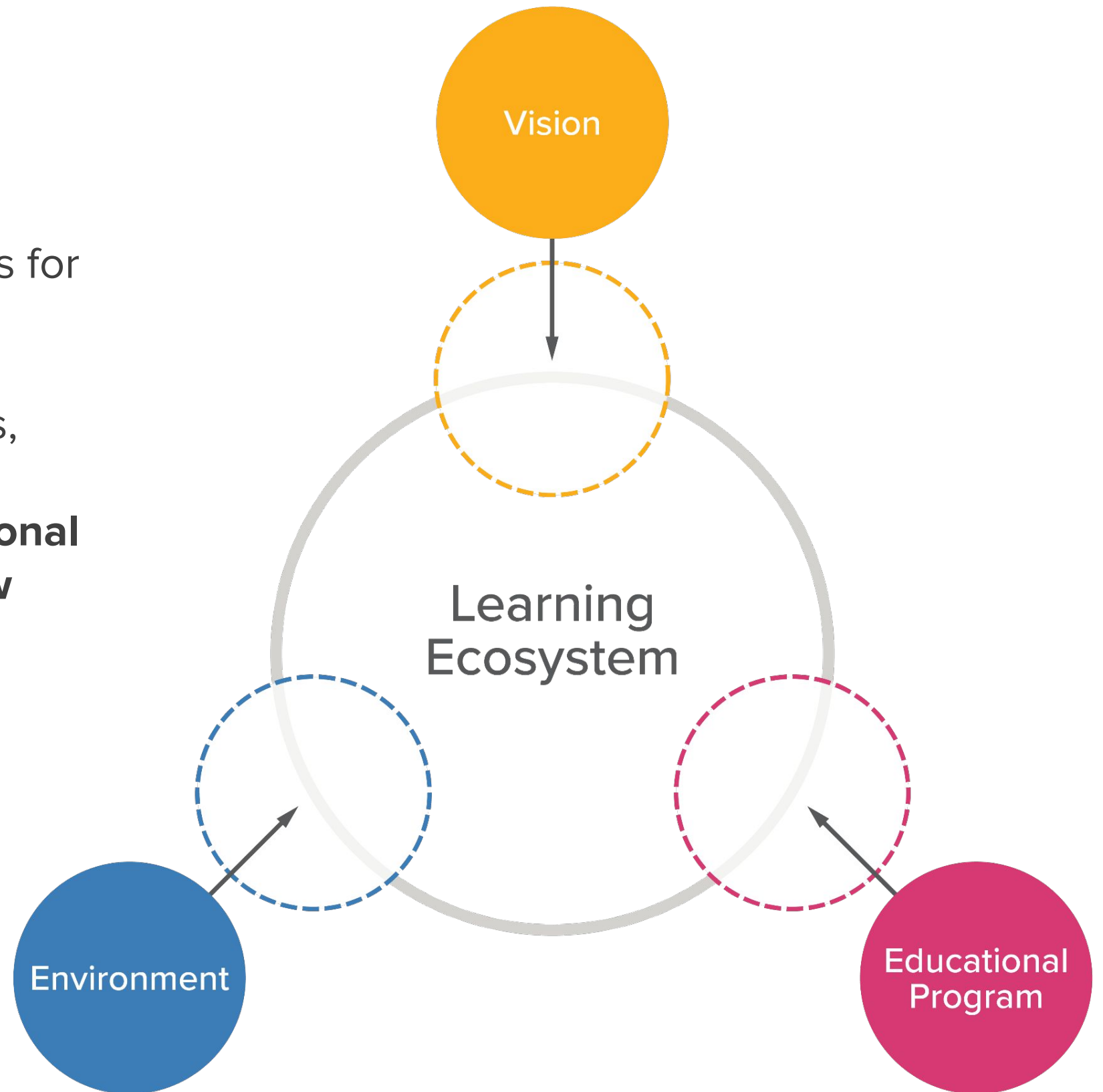
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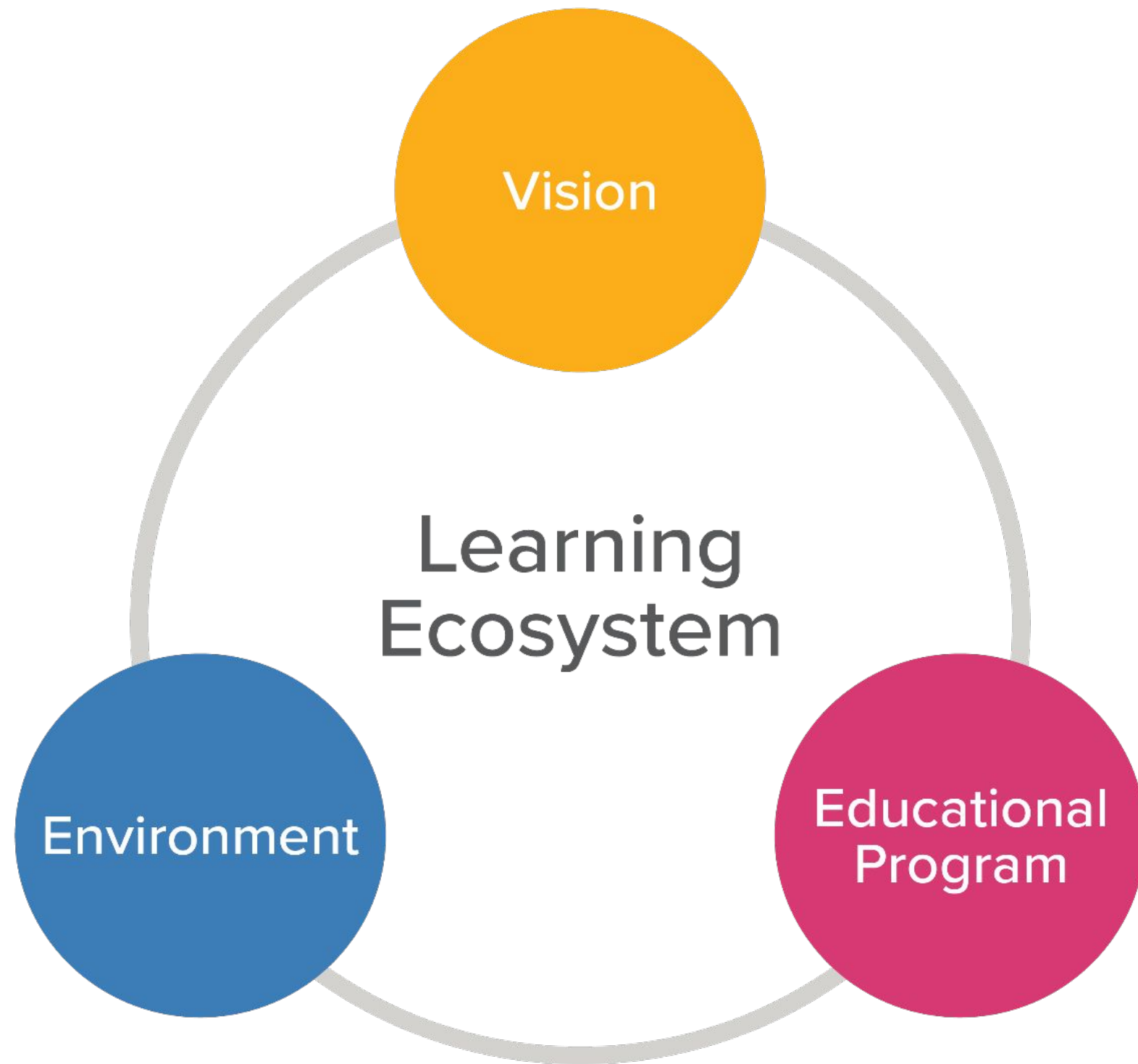
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The Learning Ecosystem



- + Goals
- + Desires
- + Student Outcomes

- + Curriculum
- + Pedagogy
- + Professional Capacity
- + Norms and Policies

- + Physical Space
- + Technology
- + Furniture
- + Culture



Traditional Schools / Adaptive Schools

- **Students are told** exactly what to learn and how to demonstrate they've learned that material.
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Vision:

North Olmsted City Schools: where every student develops a passion for learning.

Mission:

Through partnerships between students, staff, and community, we will create learning experiences to prepare our students to positively impact the world.

The Future of Learning and School





Fielding
International

The Future of Learning

February 13, 2023

Future Ready?

Introductions

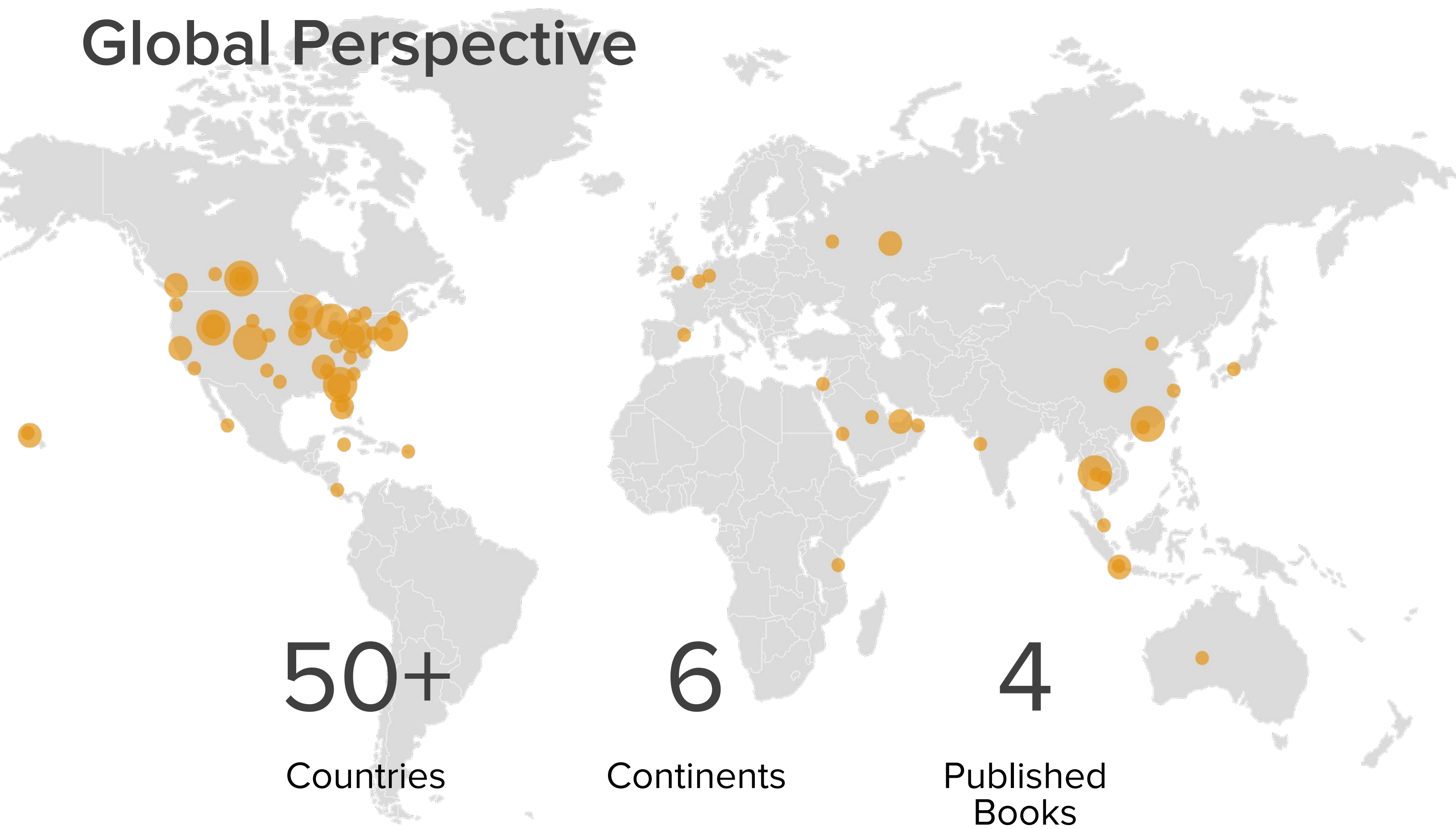
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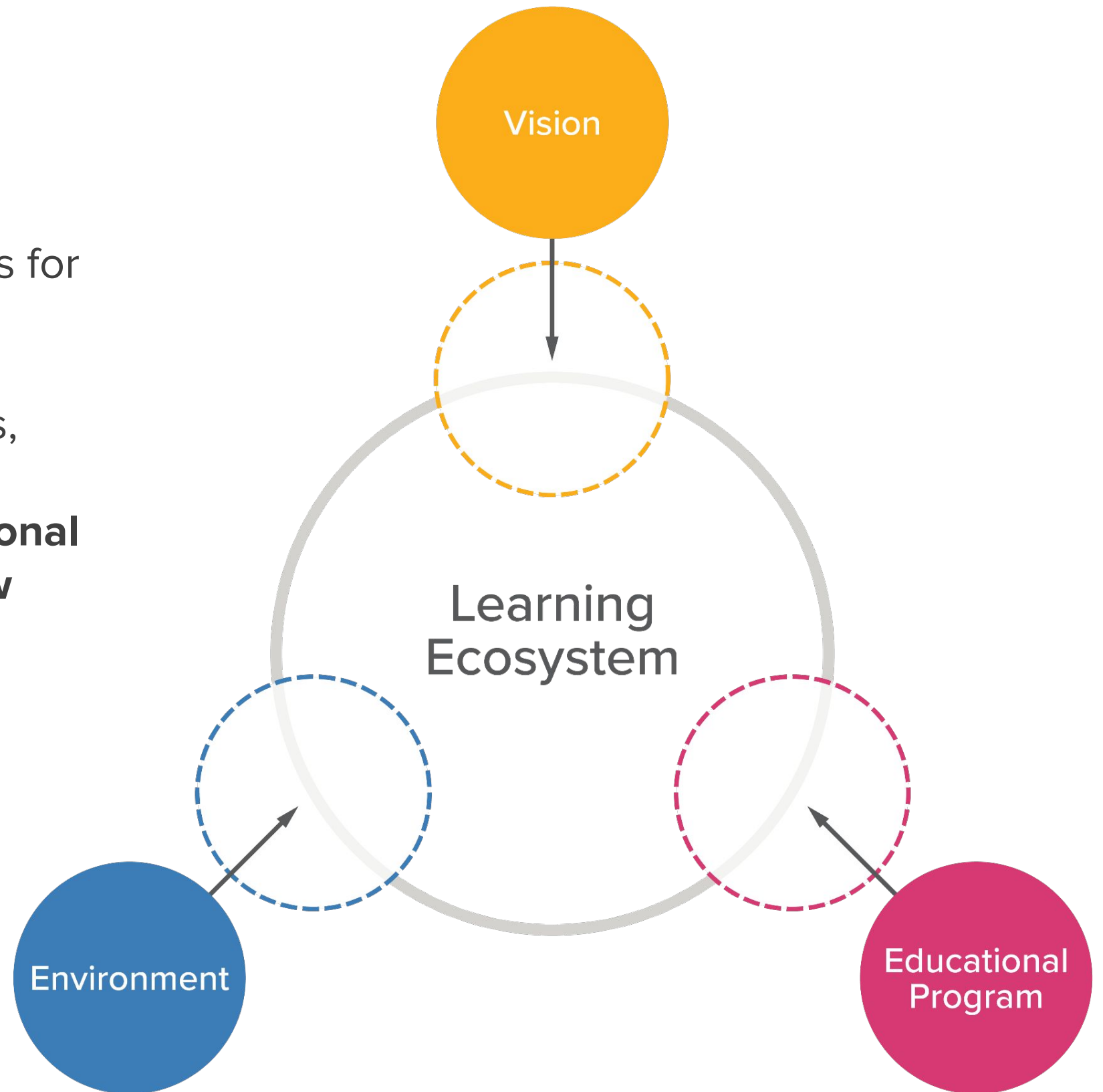
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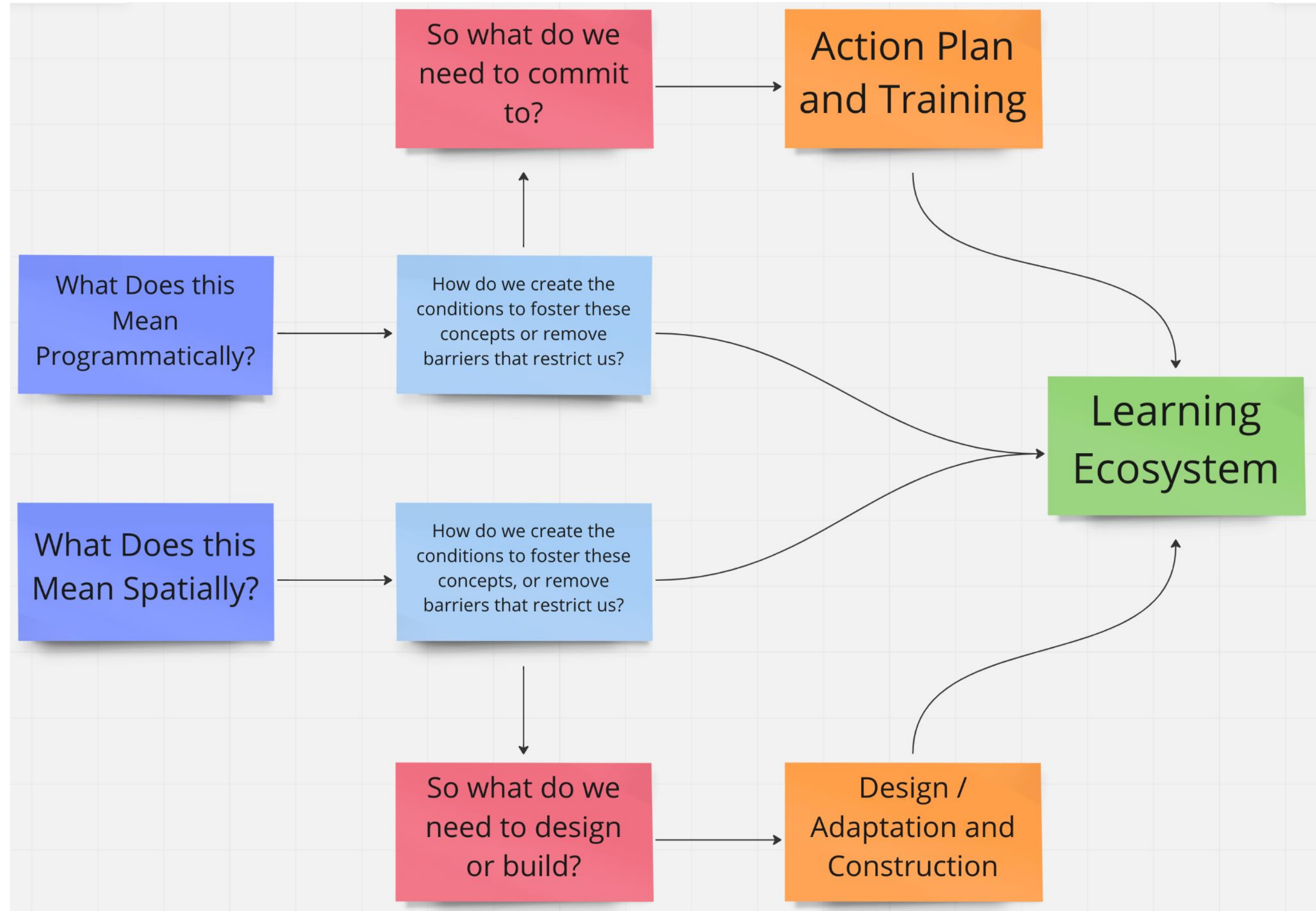
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Strategic Plan Link - Alignment



Context

1

**The World is
Changing**

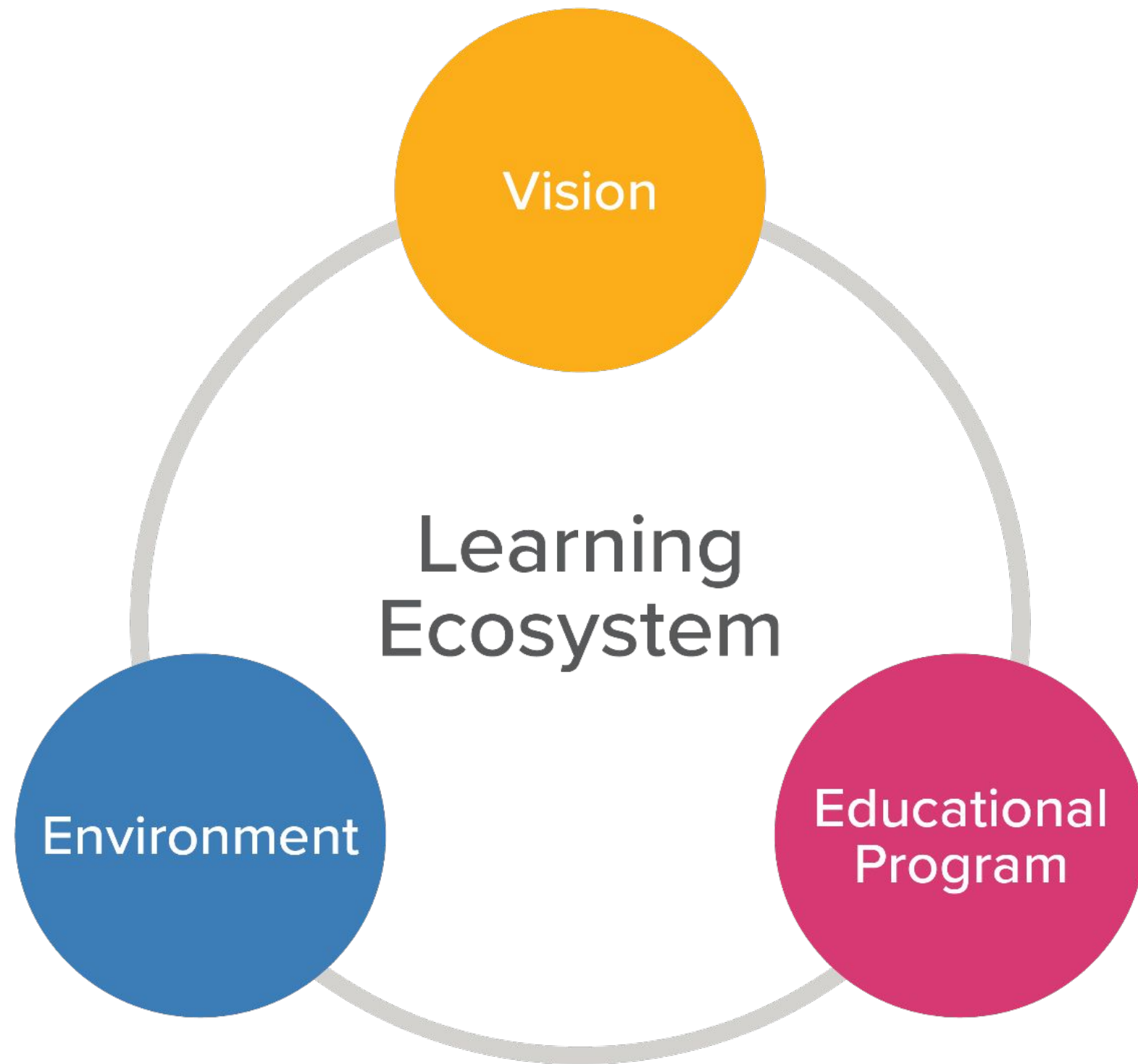
2

**The Future of
Learning and
School**

3

**Adult
Commitments**

The Learning Ecosystem



- + Goals
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The World is Changing

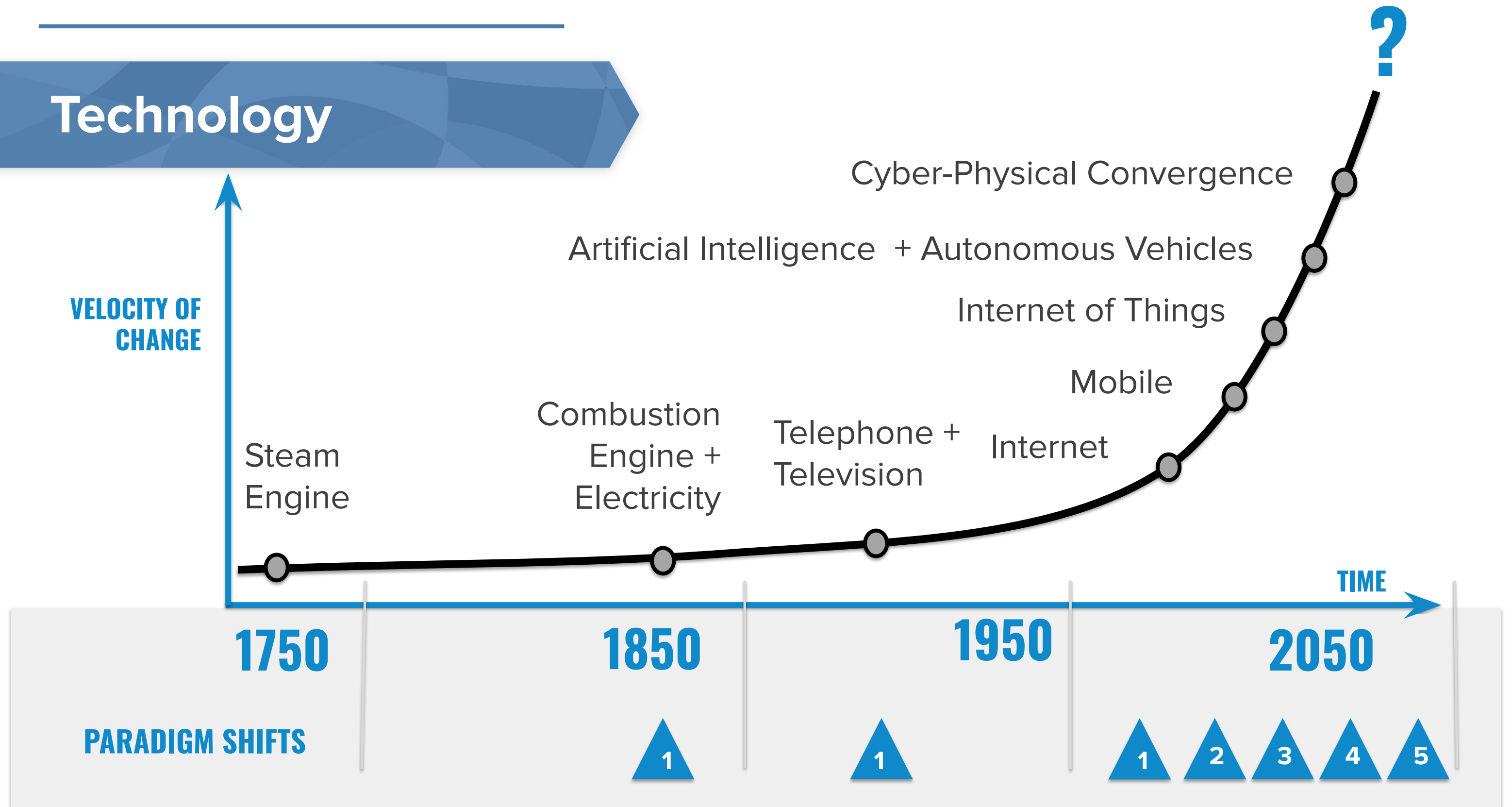




**What makes now a
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future?**

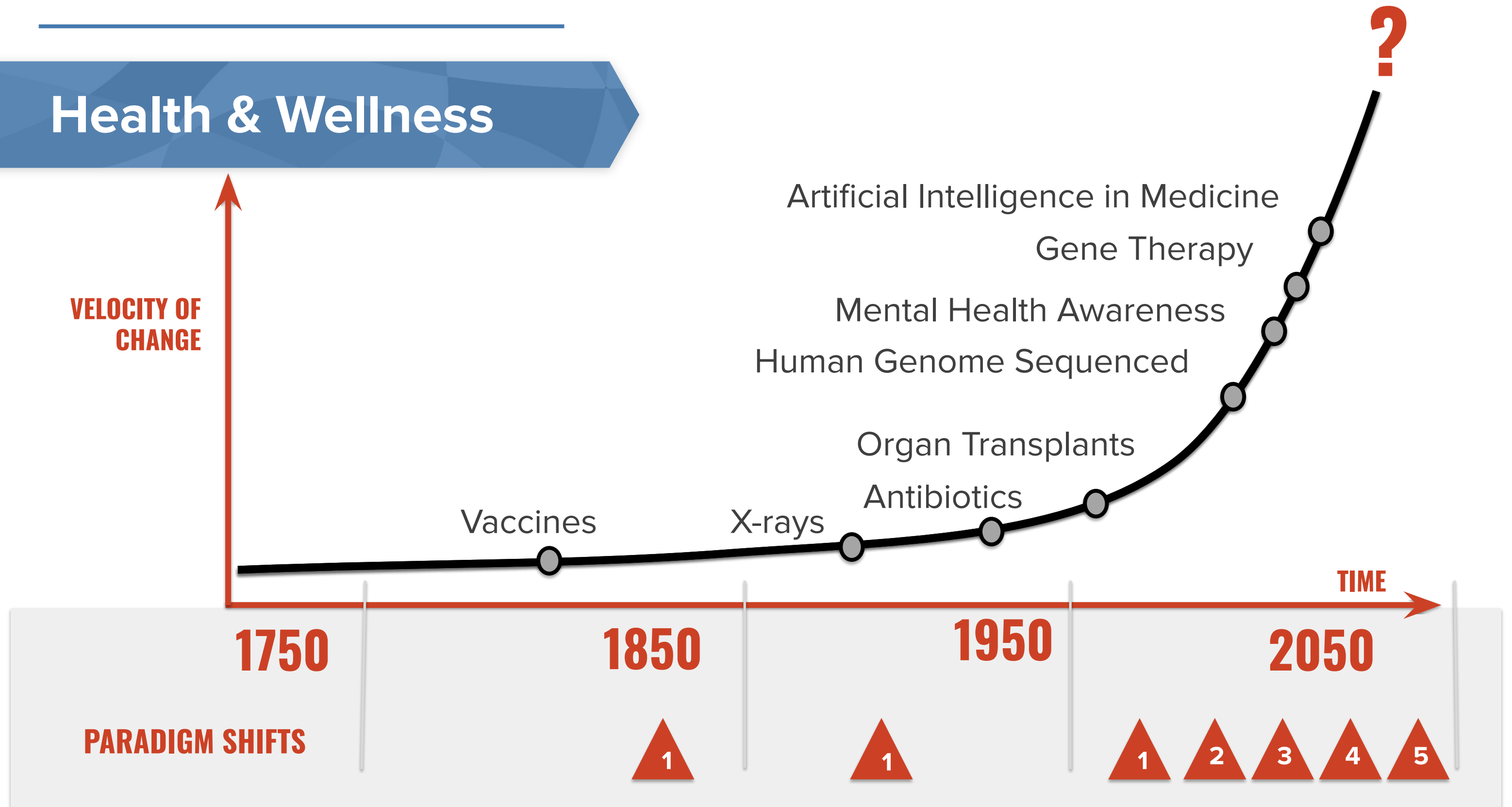


Opportunity & Uncertainty



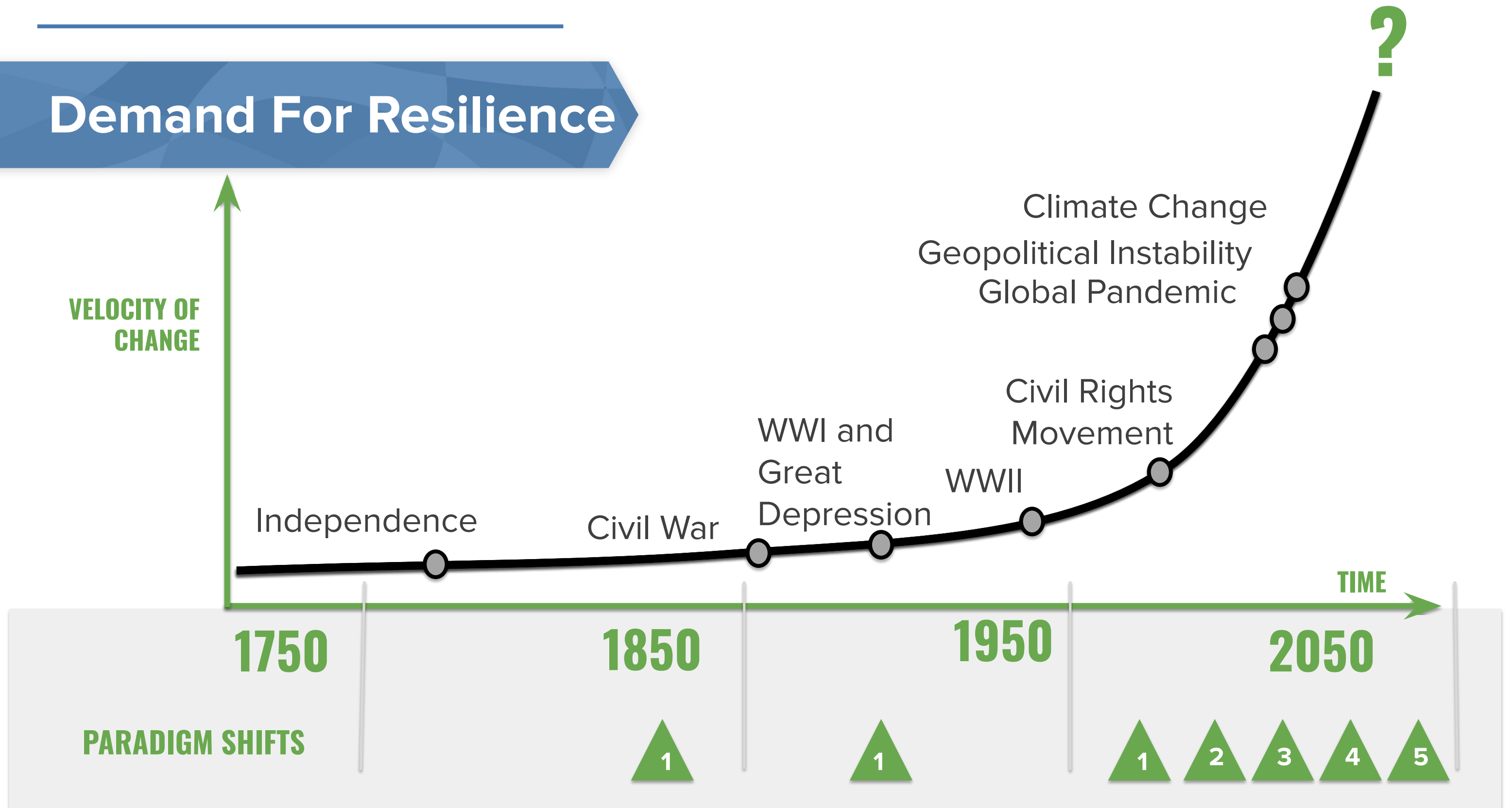
Opportunity & Uncertainty

Health & Wellness



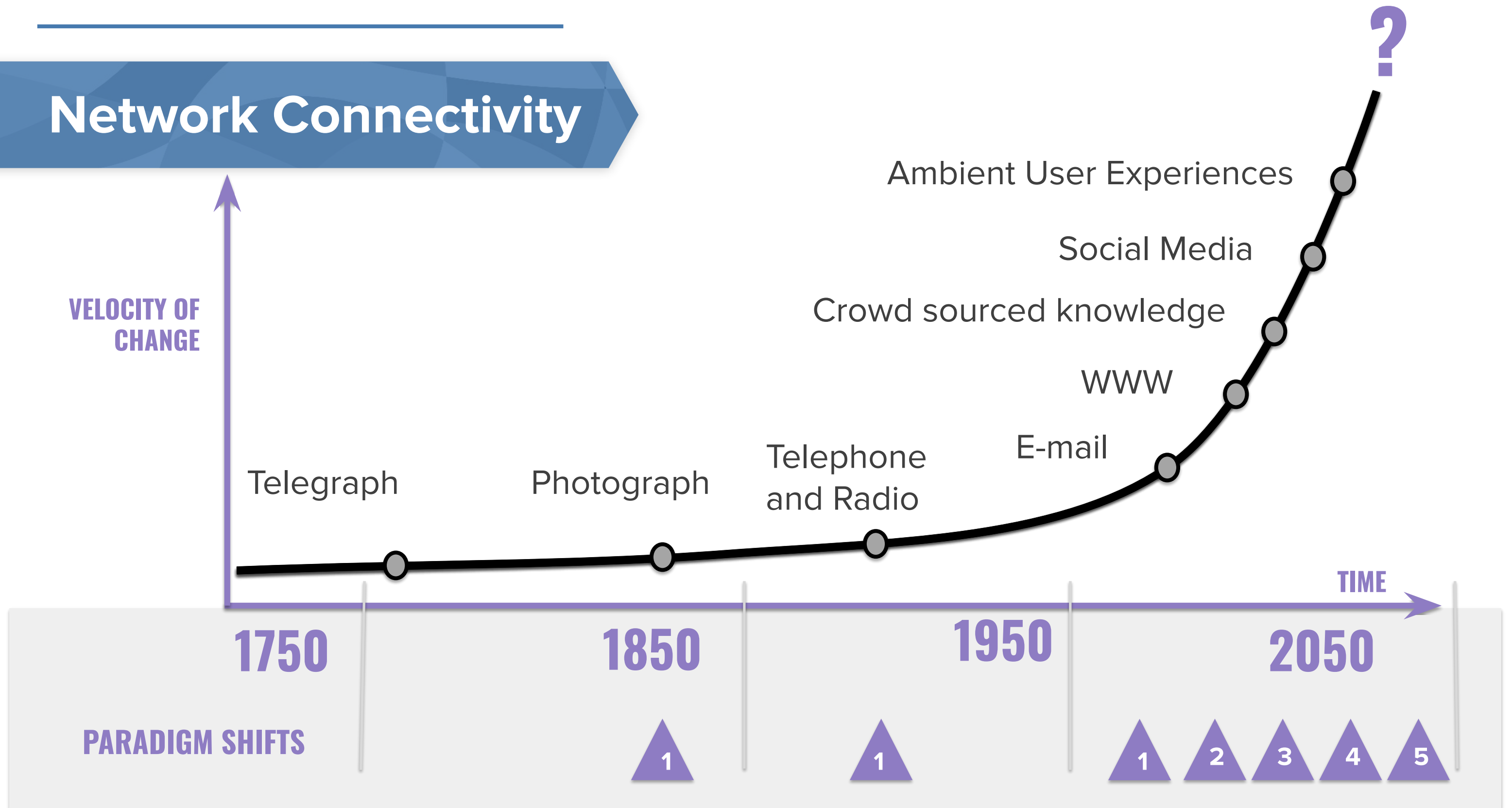
Opportunity & Uncertainty

Demand For Resilience



Opportunity & Uncertainty

Network Connectivity



Opportunity & Uncertainty

Collectively

VELOCITY OF
CHANGE

TECHNOLOGY
HEALTH AND WELLNESS
DEMAND FOR RESILIENCE
NETWORK CONNECTIVITY

TIME

1750

1850

1950

2050

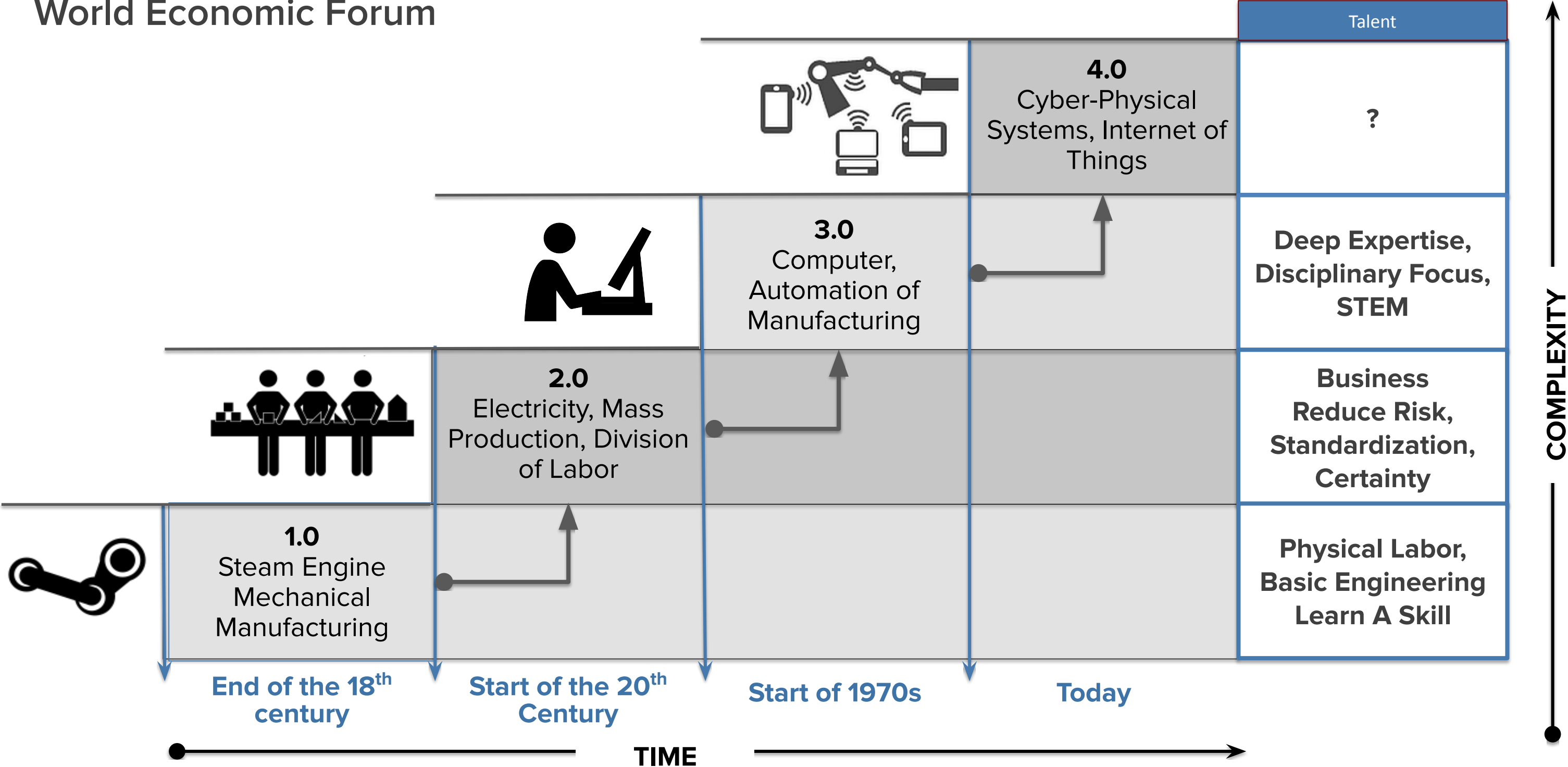
PARADIGM SHIFTS

?



Next (Current) Industrial Revolution

World Economic Forum



Are we asking students the right questions?

What Do You Want To Be
When You Grow Up?

65%

Jobs That Do Not Exist Yet

47%

Current Jobs That Can Be
Automated by 2033

What Is Your
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27%

College Graduates Who Work
In Their Major

What Do You Do?

17

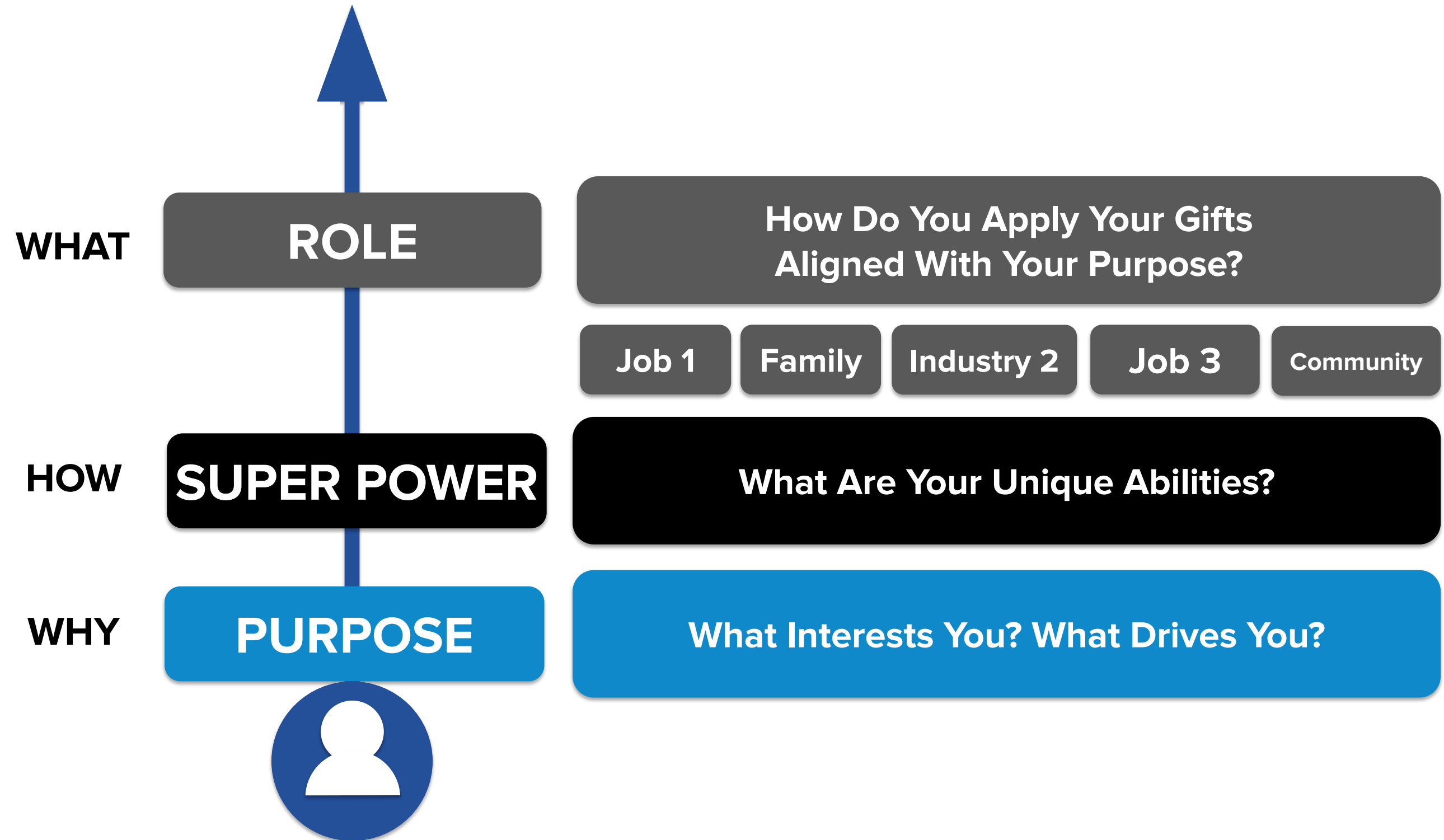
“Jobs”

5

Industries



Preparing Learners For Their Future (Not Ours)



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Top 15 Skills

- 1** Analytical thinking and innovation
- 2** Active learning and learning strategies
- 3** Complex problem-solving
- 4** Critical thinking and analysis
- 5** Creativity, originality and initiative
- 6** Leadership and social influence
- 7** Technology use, monitoring and control
- 8** Technology design and programming
- 9** Resilience, stress tolerance and flexibility
- 10** Reasoning, problem-solving and ideation
- 11** Emotional intelligence
- 12** Troubleshooting and user experience
- 13** Service orientation
- 14** System analysis and evaluation
- 15** Persuasion and negotiation



NOCS Skills

1. Perseverance, grit, resilience
2. Critical thinking, problem-solving, analysis
3. Being coachable and taking initiative
4. Functional skills such as writing, reading, math, typing
5. Having a growth mindset
6. Patience, civility, and tolerance
7. Skills for living including laundry, cooking, sewing, etc.
8. Confidence
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12. Use of tools: tape measure and cordless drill etc.
13. STEAM
14. Passion for life and learning
15. Tolerance for other opinions and perspectives
16. Blueprint reading and map reading
17. Ability to manage your digital footprint



What is getting in the way of helping students practice the skills they need for the future?

(1 Idea Per Sticky)

Brainstorm for 2 minutes then find similarities at your tables



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School is Changing...



Personalized



Active



Social



Interdisciplinary



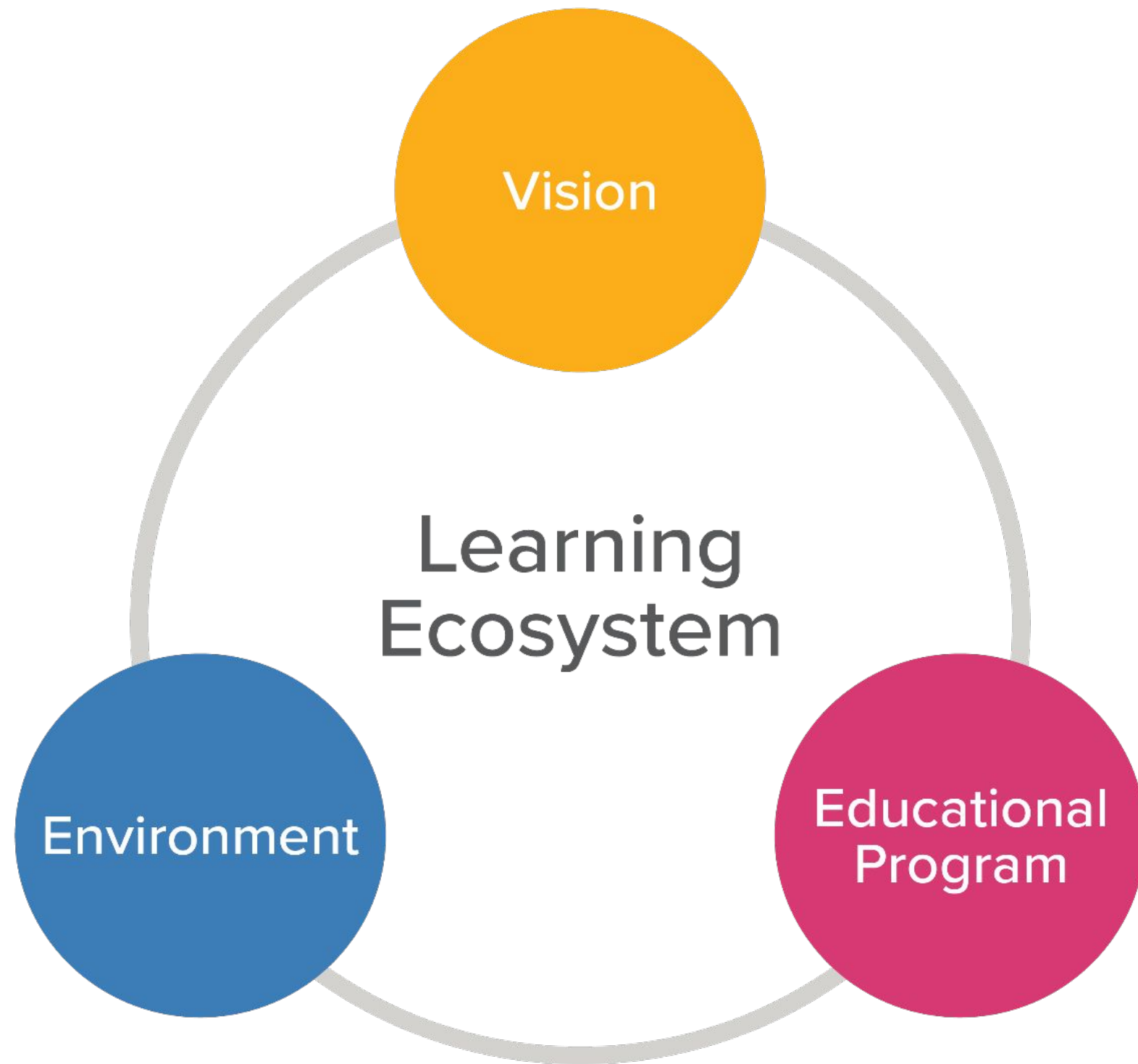
Contextualized





So What Does That Look Like?

The Learning Ecosystem



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- + Desires
- + Student Outcomes

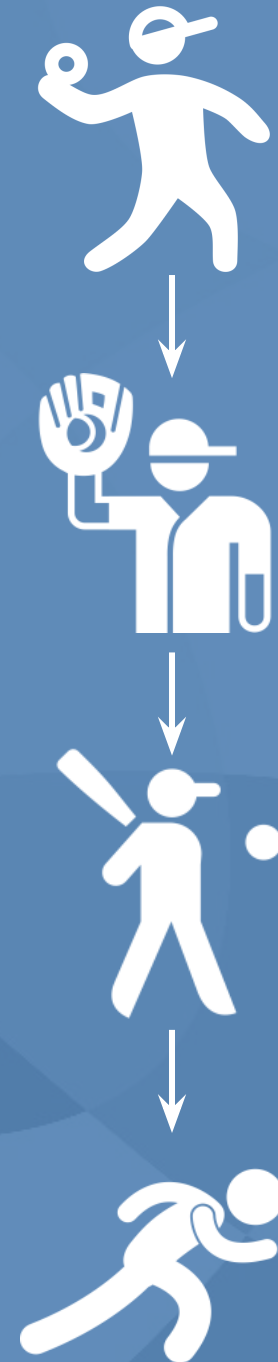
- + Curriculum
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- + Professional Capacity
- + Norms and Policies

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The Most Effective Way to Learn?

Massed Learning (Least Effective)



Research: *Make it Stick, The Science of Learning*, Brown, Roediger, McDaniel, 2014.
Diagram by FNI

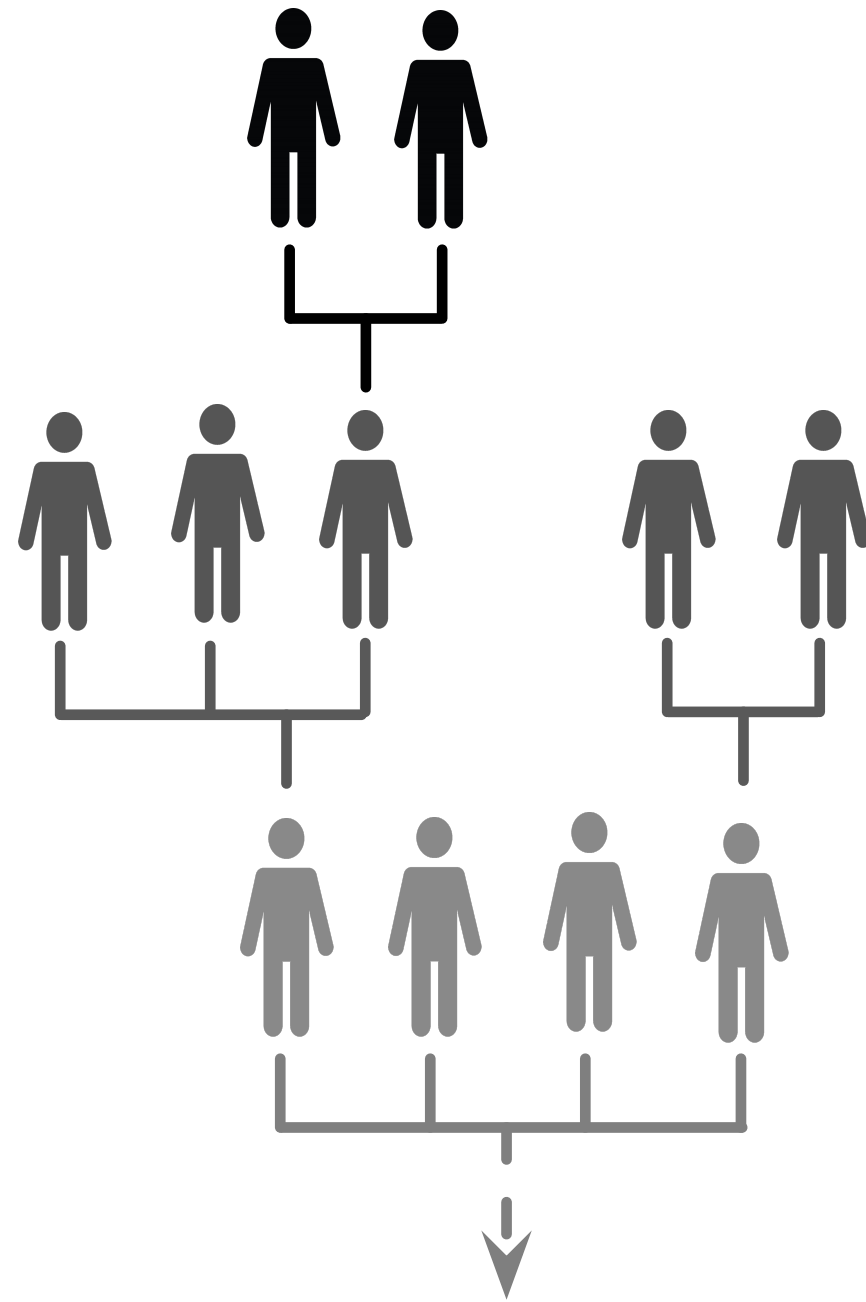
Interleaving (Most Effective)



Baseball Metaphor:
Making Learning Whole, David Perkins, 2009. Diagram by FNI



Hierarchical Network



Open Network



Hierarchical Network



Teacher Provides Answers

Open Network



Students Construct Knowledge



Pop Quiz! - Practice Makes Perfect

What is the ideal way to practice for a game of basketball?

What are the best ways to strengthen reading skills?

What are the ideal conditions to practice complex problem solving and emotional intelligence (or any other new in-demand skill)?



Working 1-on-1



Working Together



Building Trust and Relationships



Multiple Ways to Learn or Practice



Flexible Groupings and Flow



In New and Meaningful Contexts



Personalized Options



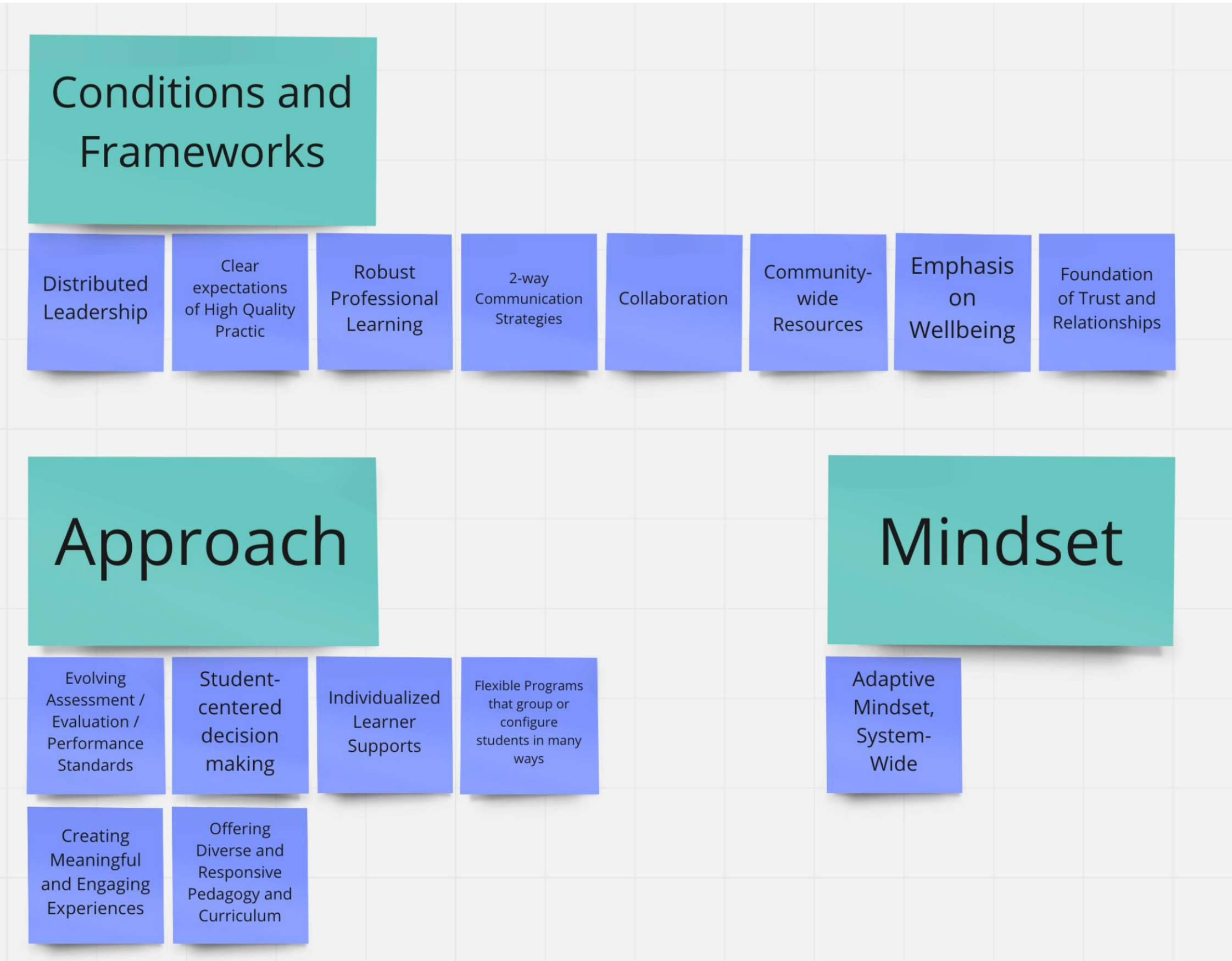
Creative Conditions



Building and Invention



Strategic Plan Link - Emerging Themes

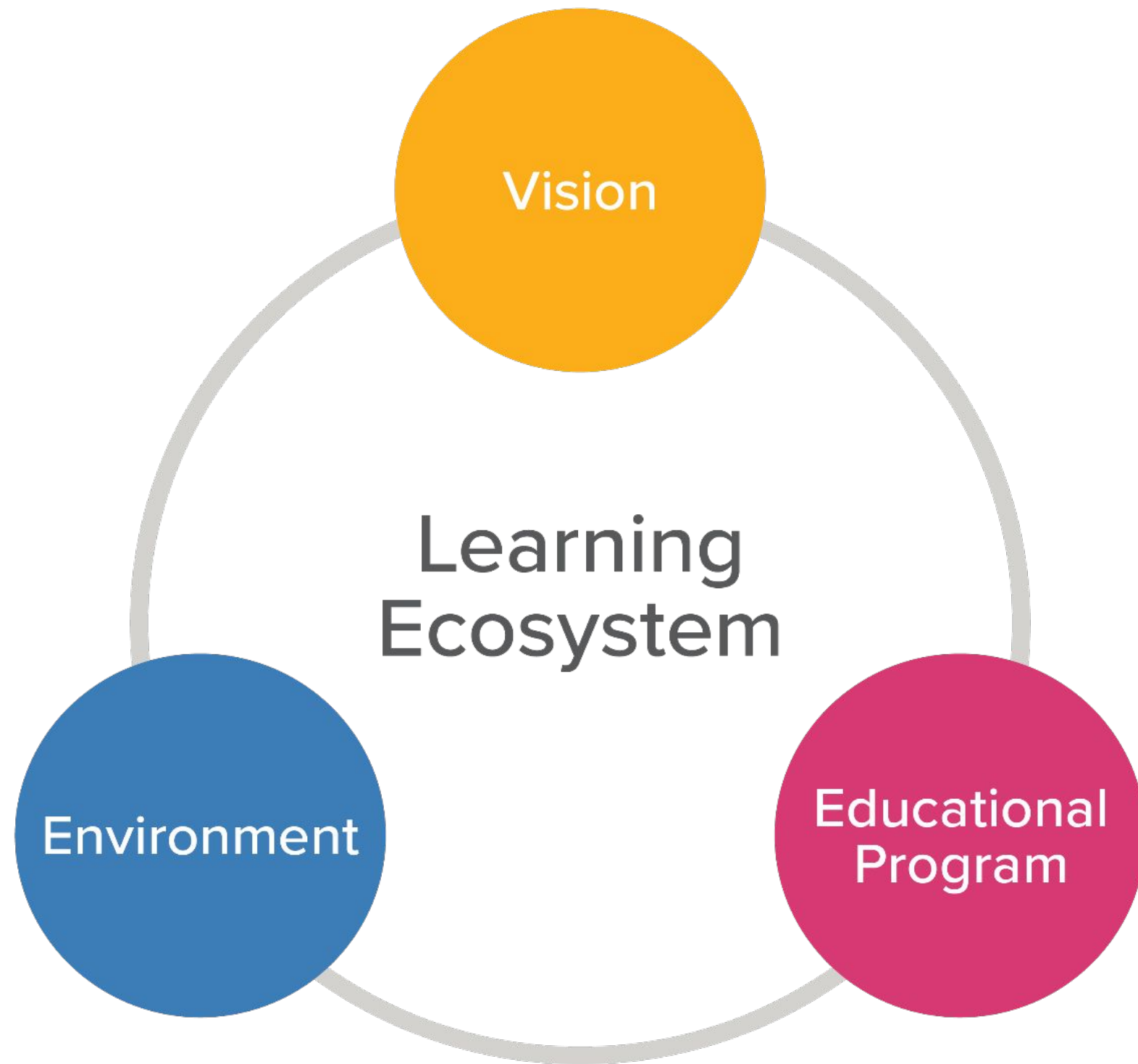


Consider how teaching and learning needs to shift to meet the needs of future learners.

What do we need to...
Keep. Evolve. Discard



The Learning Ecosystem



- + Goals
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Design Activity: Magic School Bus

In pairs or individually:

What experience or opportunity would you want to ensure all students in NOCS Elementary schools have given the ability to go anywhere, any time, with any budget?



Example: Magic School Bus



Deep sea exploration by submarine

Why?: One of the least explored areas on earth, possibility of discovery and places emphasis on young learners' natural curiosity alongside healthy risk-taking. (Basically, it's really exciting!)

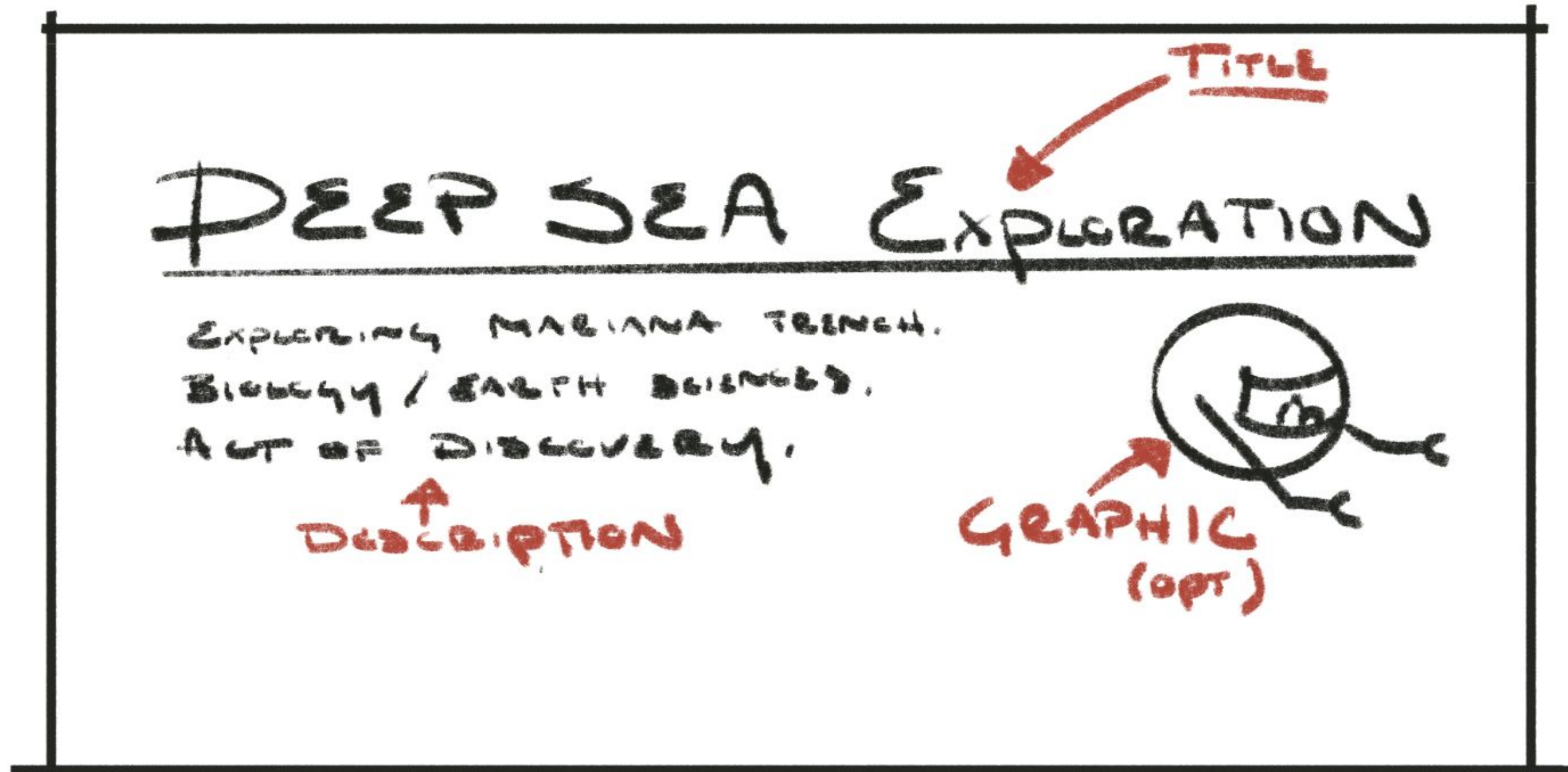
Example: Magic School Bus



Ancient greek history in Athens

Why?: Real context for your exploration of history. Opportunity to immerse students in with the history, architecture, customs... etc.

Template for gallery walk



(11" x 17")

- Give your experience a name.
- Explain your experience in bullet points.
- Add "Why" you chose this.
- Include an optional graphic!

Design Activity: Magic School Bus Themes

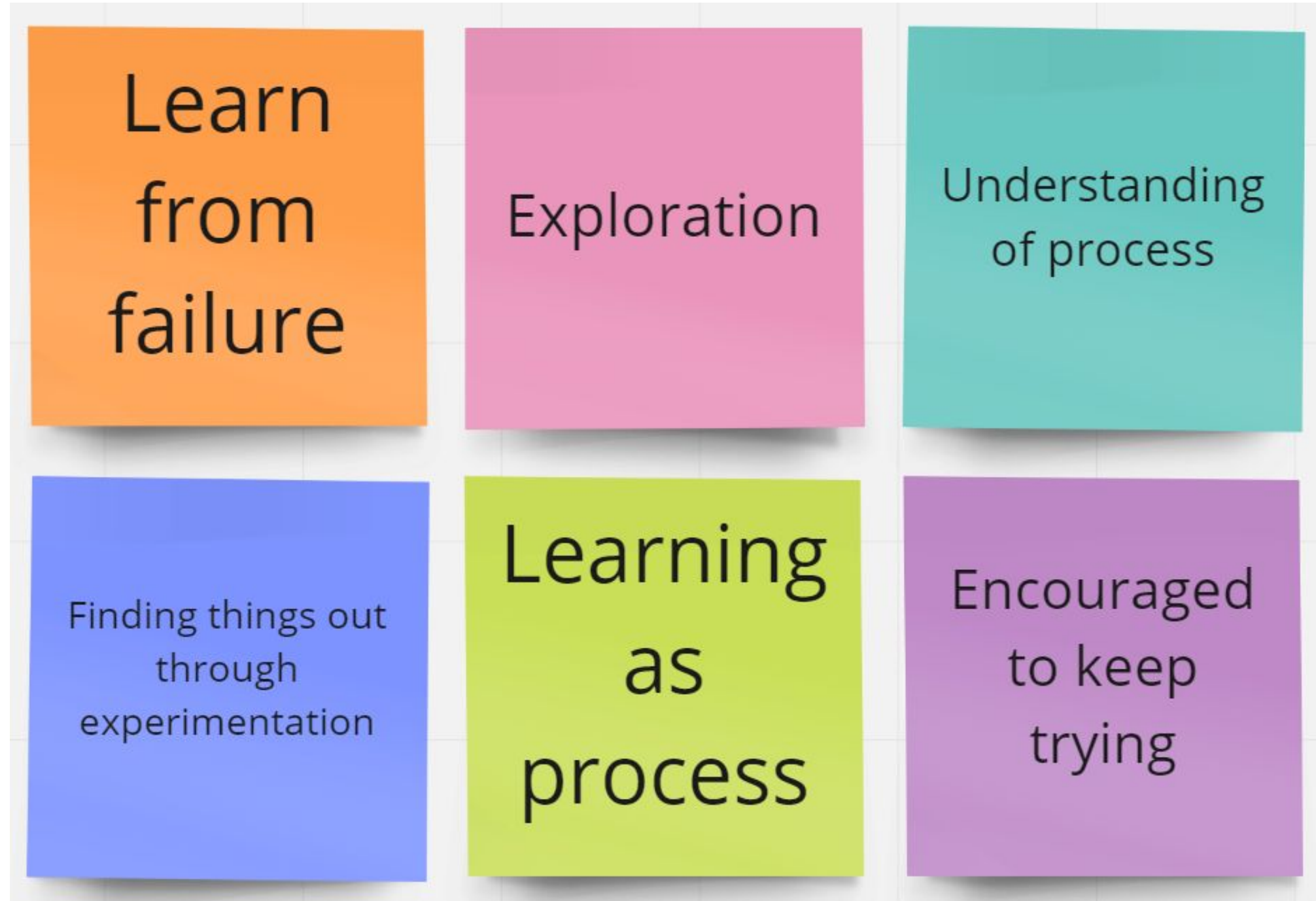


Individual Review

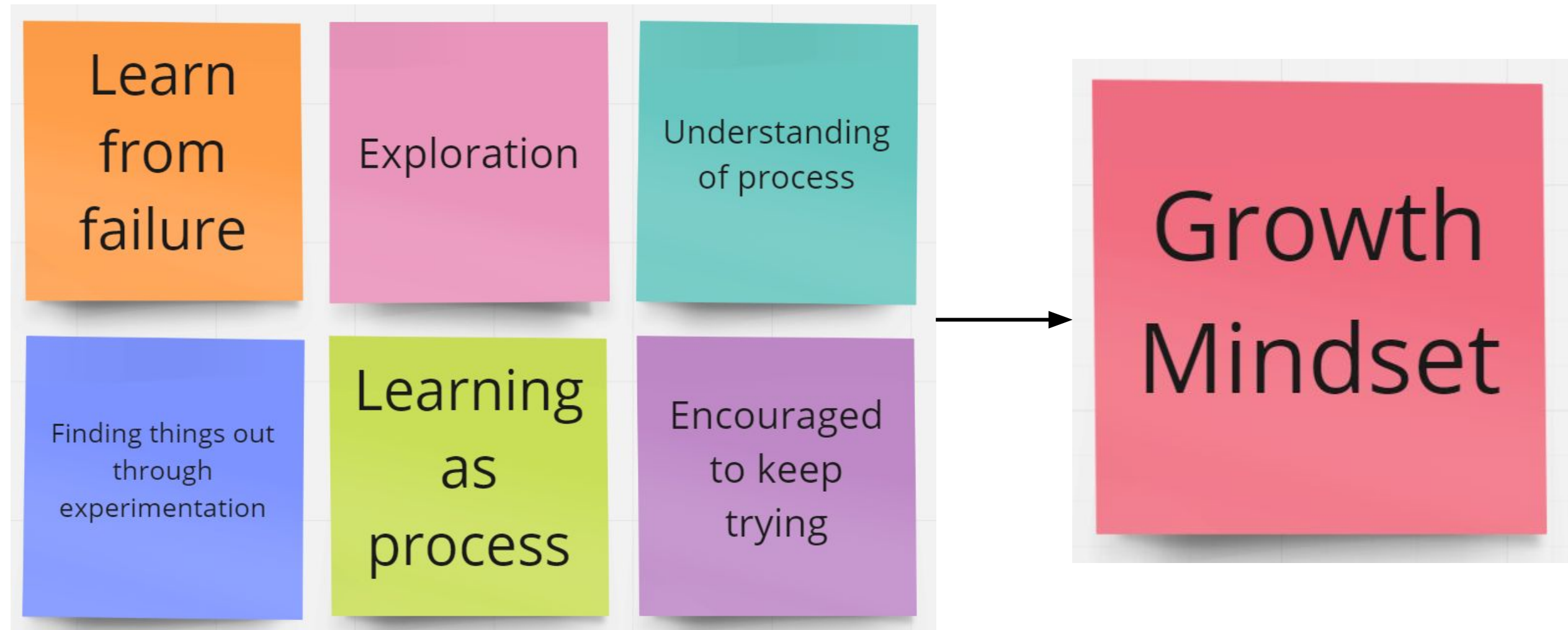
1. Scan and review the magic school bus ideas.
2. Identify common themes or underlying principles that are consistent.
3. Write them on individual sticky notes (1 Theme per sticky)
4. Add them to the “Big Board” and look for other similar ideas
5. Make affinity clusters on the Big Board

Design Activity: Affinity Clusters

Common themes surfacing from our ideas



Design Activity: Affinity Clusters



The Future of NOCS Programming (Poster)

What Does this Look Like for...		What would we see happening or hear with...		What might it feel like for...	
Students?	Staff?	Students?	Staff?	Students?	Staff?

Review the poster your team just developed.

Now create a list of specific activities or experiences that would foster the conditions you just described. (11x17)

*****(what would students and adults need to be doing if we wanted to see, hear, and feel what you wrote down?)**





Staff and Community Commitments

Review all work completed tonight.

**Develop a list of commitments
NOCS staff and partners would
need to make to ensure these
activities and experiences are
offered.**

Be prepared to share your top 3.





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Future Ready?

The Future of
Learning -
Educator
Sessions

February 14, 2023

Introductions

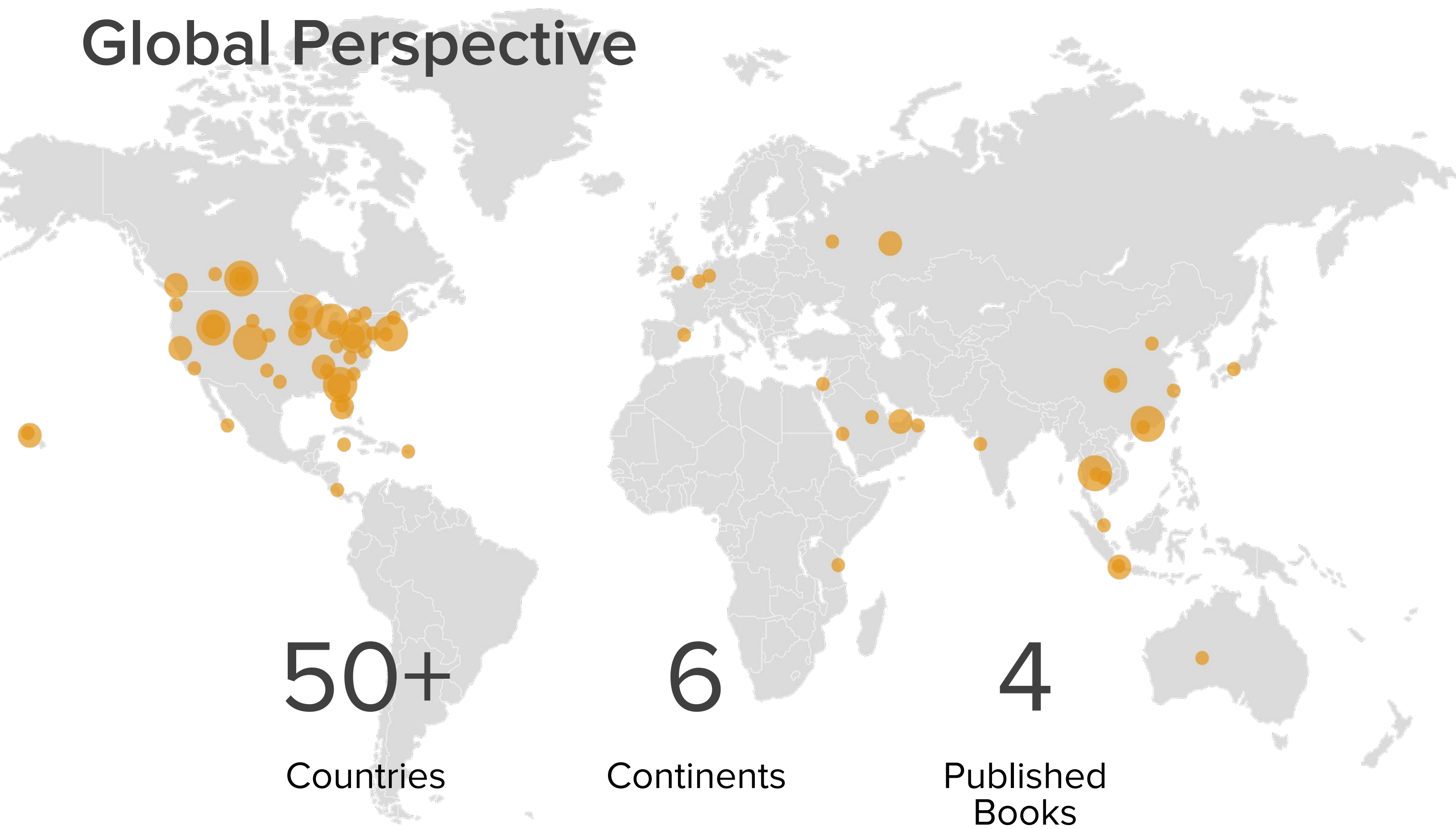
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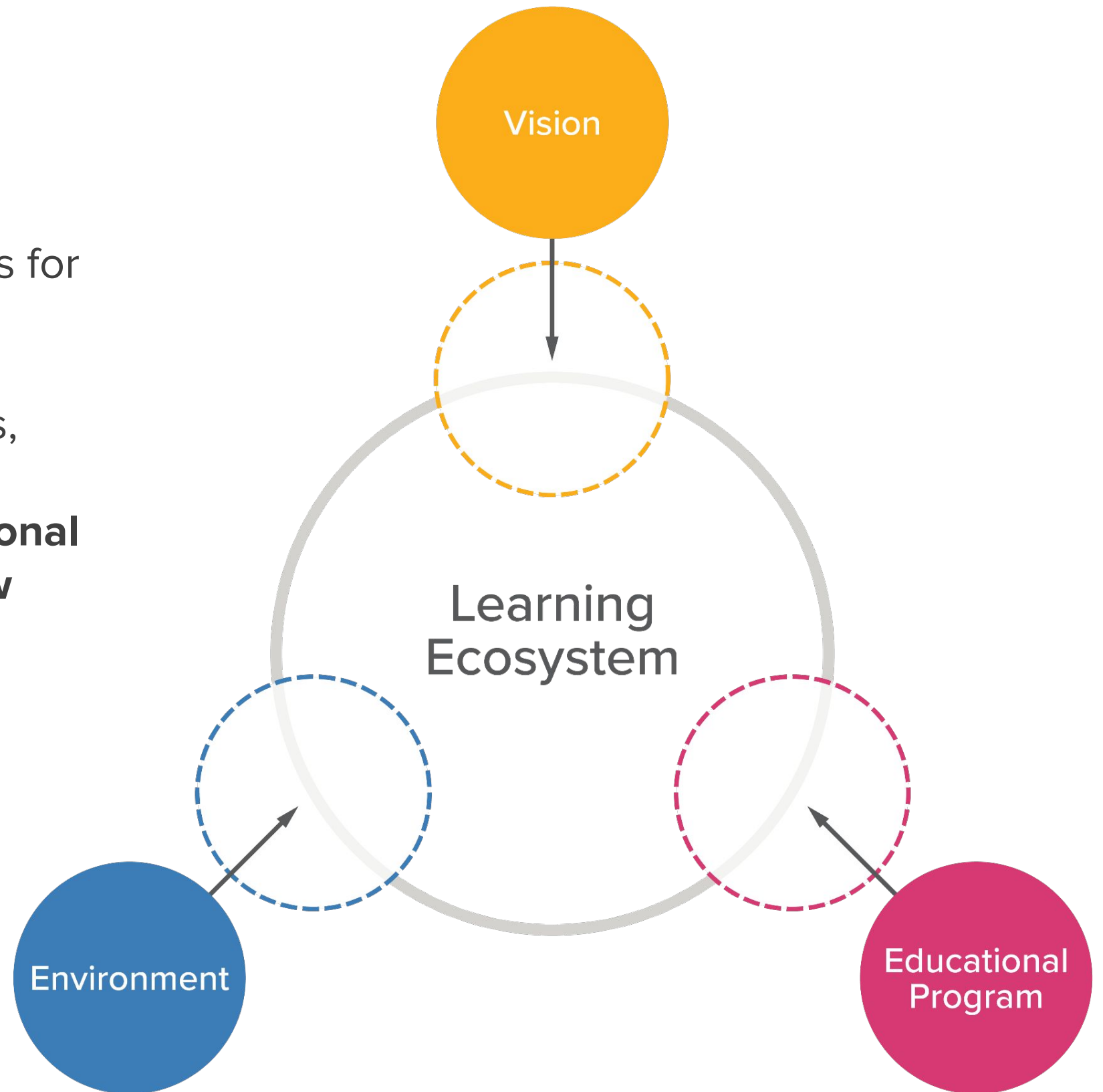
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**What's needed
now?**

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**Supporting Great
Practices**

The World is Changing

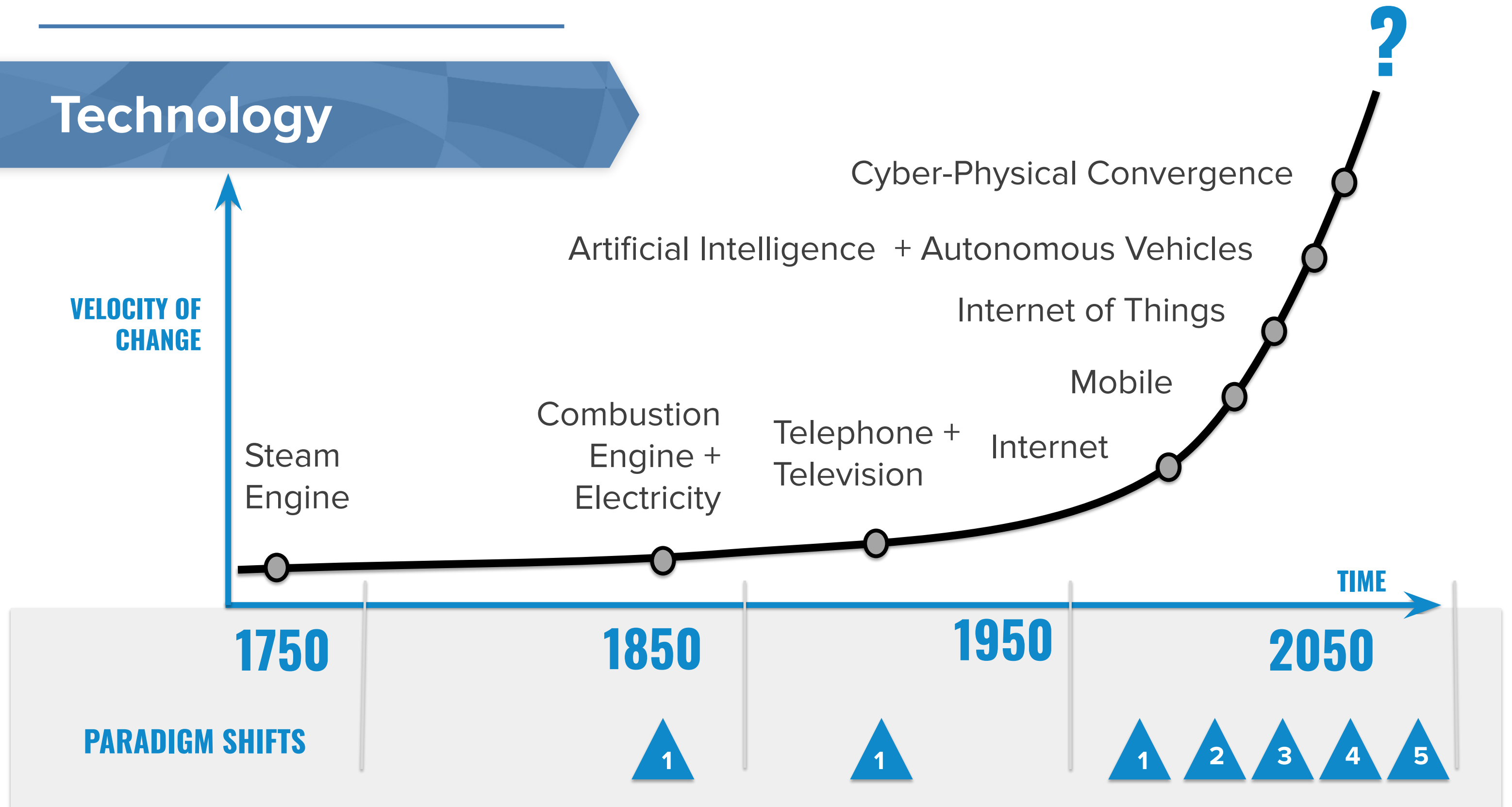




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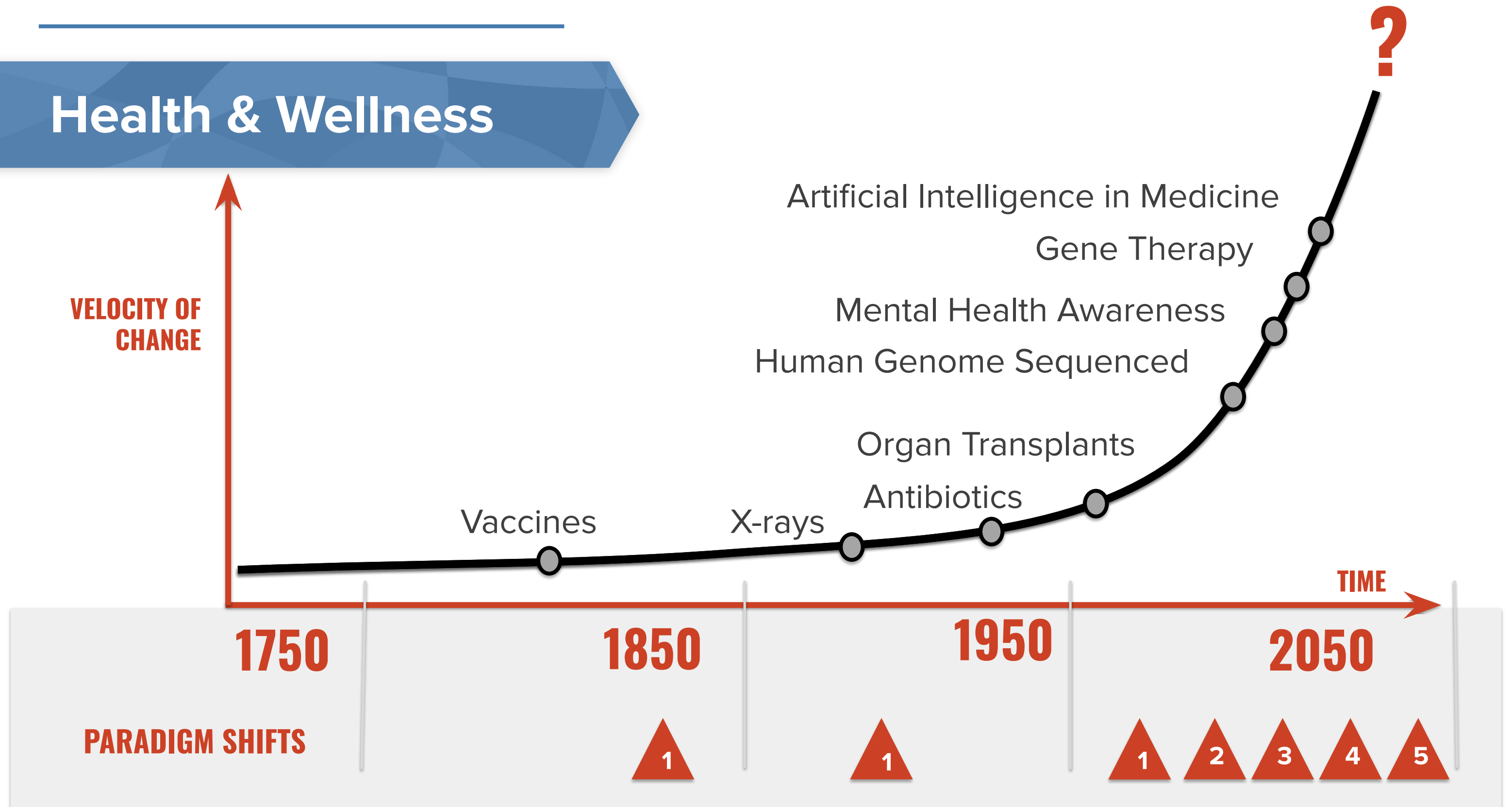


Opportunity & Uncertainty



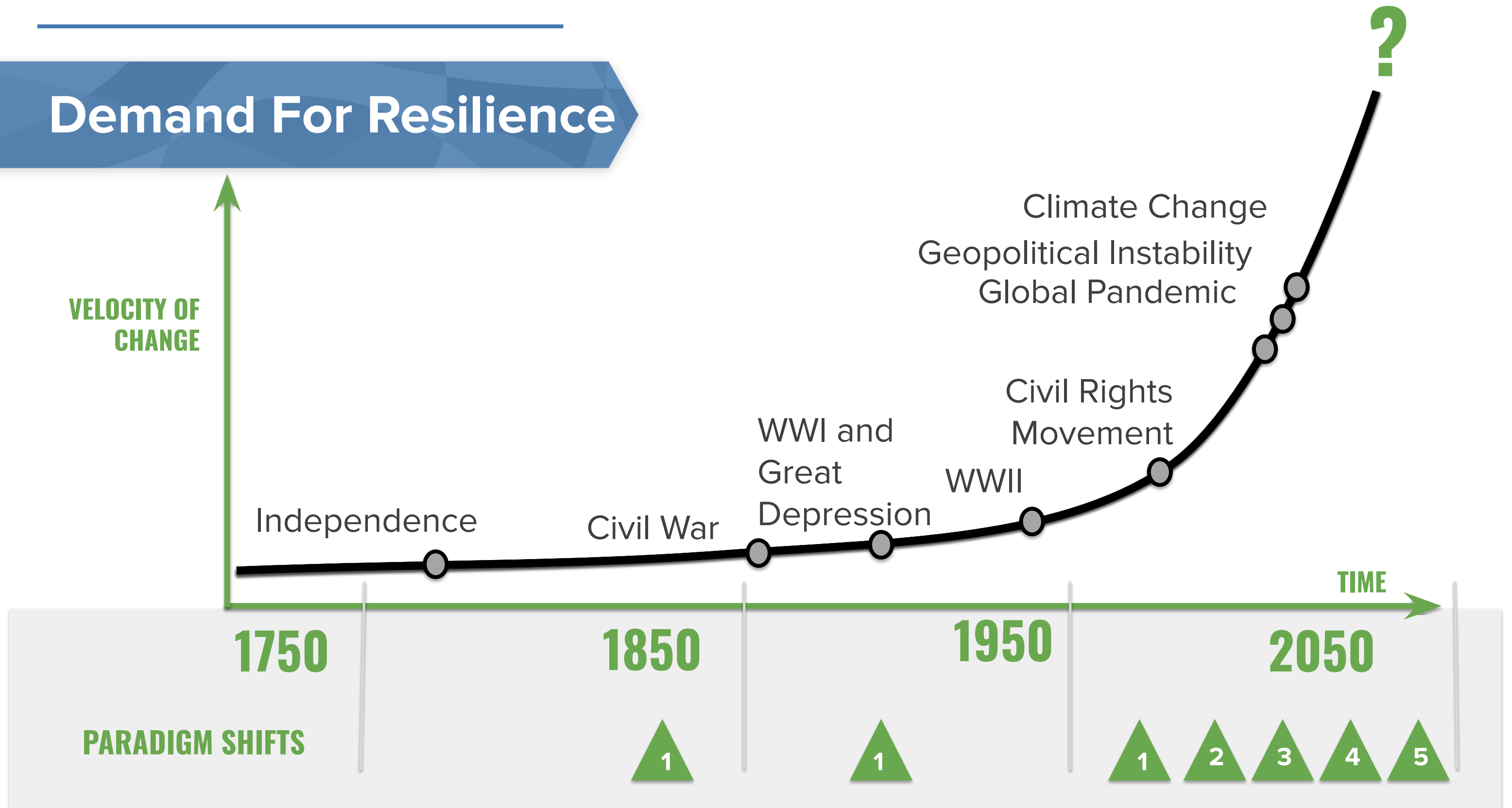
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Health & Wellness



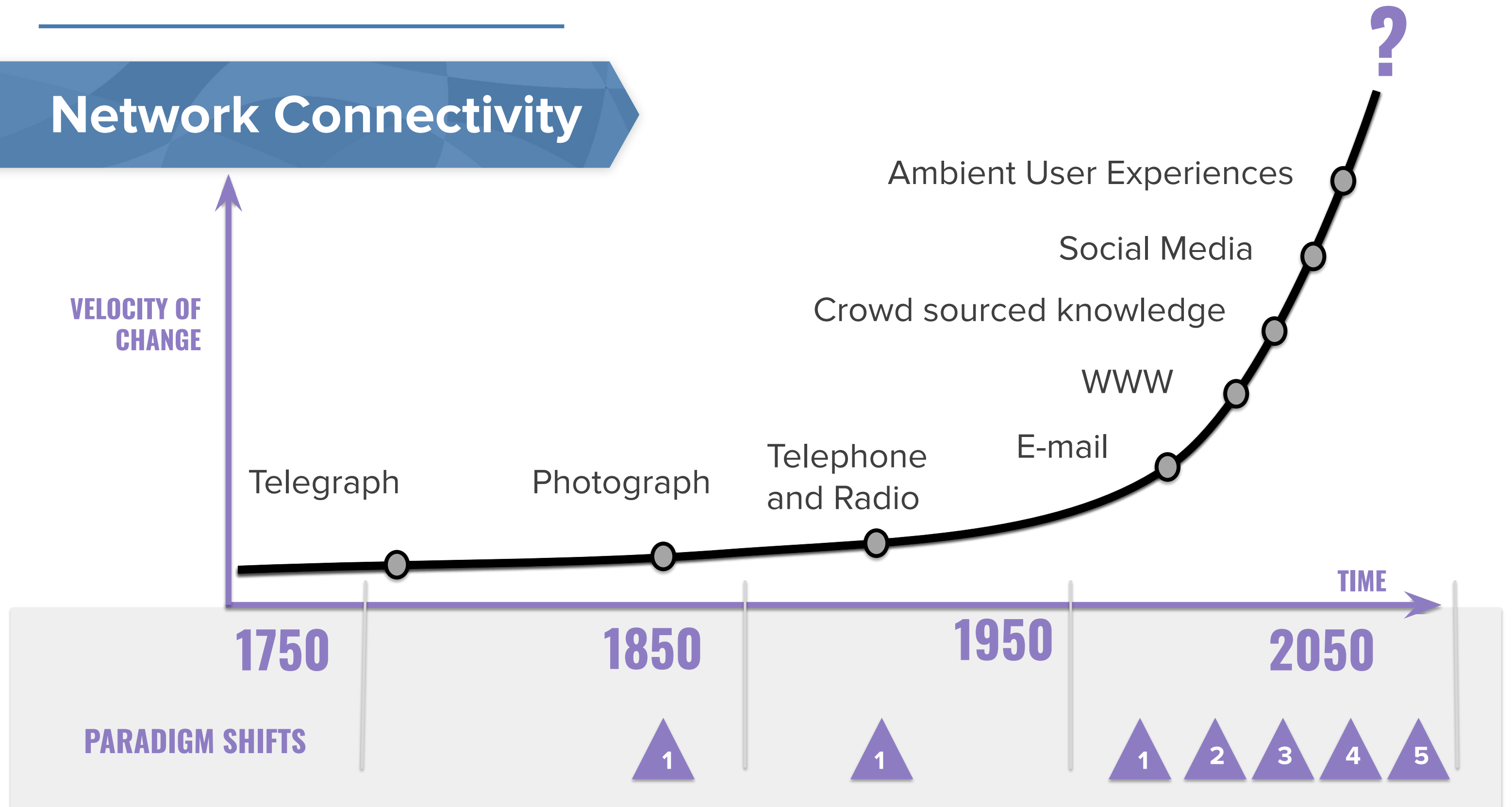
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Demand For Resilience



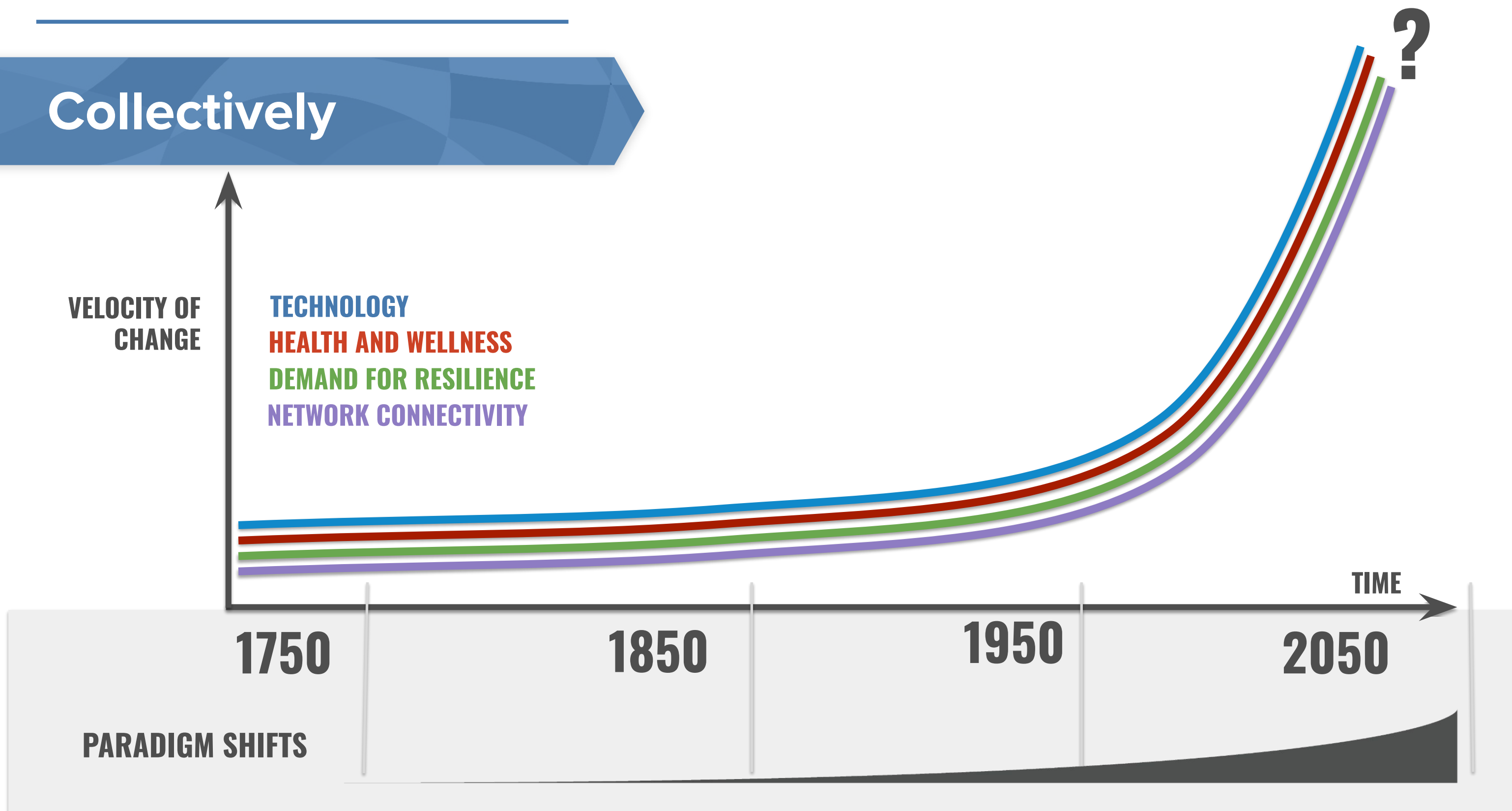
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Network Connectivity



Opportunity & Uncertainty

Collectively



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A photograph of a classroom scene with a teacher and several young students. The teacher, a woman with long brown hair, is leaning over a table, helping a student with a laptop. Other students are also working on laptops at their desks. The room has large windows in the background showing a parking lot and trees. The image has a blue tint.

What are the **teaching and learning practices** having the **greatest effect** on student success right now?

Example: “Utilize cooperative learning strategies to enhance social awareness.”
Not: “Social Emotional Learning”

What's Needed Now?

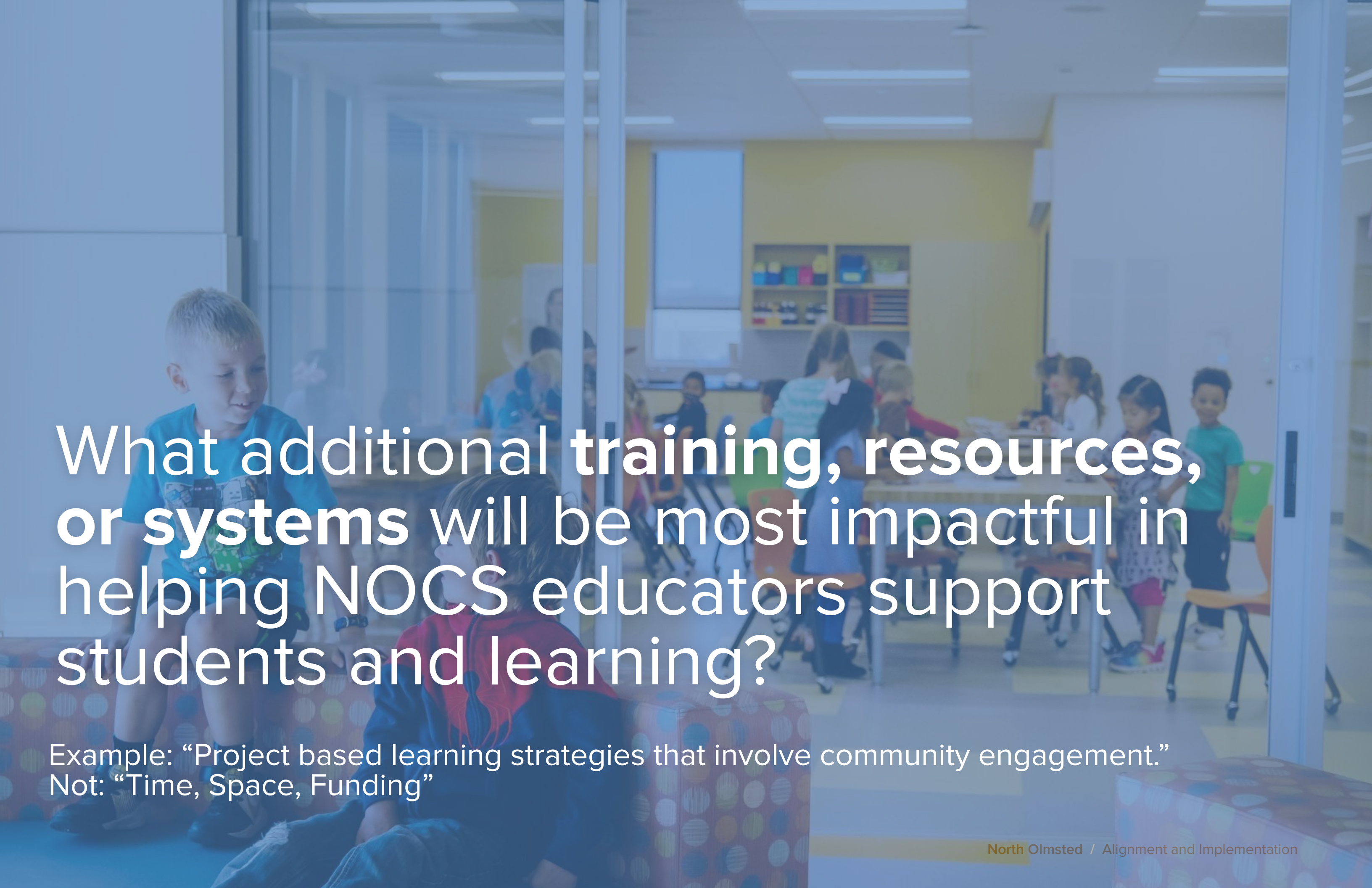


A young girl with blonde hair in a ponytail, wearing a light blue face mask and a blue long-sleeved shirt, is playing with a large, colorful mechanical structure on a playground. The structure features various gears, levers, and platforms in shades of blue, red, yellow, and green. She is reaching up towards a red platform. The background shows a brick wall and a window. The entire image has a blue overlay.

As you reflect on the **rapidly changing world** we are experiencing, document what you feel are the **most important areas** for NOCS's **learning and growth** in the next 10 years

Supporting Best Practices





What additional **training, resources, or systems** will be most impactful in helping NOCS educators support students and learning?

Example: “Project based learning strategies that involve community engagement.”
Not: “Time, Space, Funding”