



The SEED Framework for Cultivating Creativity

The Four Pathways, Inquiry Questions

Project Zero Thinking Routines, Tools, and Practices

The SEED Framework

Cultivates...

Perspective taking

Inquiry

Personalized learning

Co-inspiration

Collaboration

Close looking

Profiles of participation

Action

Process

Systems thinking

Curiosity

Connection

Agency

Sensitivity to design

Ownership

Deep learning

Maker-empowerment

Confidence



Social Interactions

Ideas strengthen when you share them with others

How might you connect with peers, mentors, stakeholders, or partners?

What methods might you use to communicate this idea with others?

How might you access people from diverse perspectives to strengthen this idea?

Thinking Routines + Tools + Practices

- Tell Me More
- Chalk Talk
- Think – Pair – Share
- Think – Feel – Care
- Circle of Viewpoints
- Voice and Choice
- Question Starts
- Micro Lab Protocol
- Step Inside



Experience

Strengths, skills, and experiences influence ideas

What strengths or skills do you have that you might draw on to help grow this idea?

How might your personal context or identity influence the development of this idea?

What new skills or experiences might you seek to help strengthen this idea?

Thinking Routines + Tools + Practices

- 3-2-1 Bridge
- Voice and Choice
- Memorable Making Experience
- Compass Points
- Parts – Perspectives – Me
- Parts – People – Interactions
- True for Who
- Step Inside
- What Makes You Say That?



Environment

Conditions create opportunity

How might your surroundings influence this idea?

How might you change your environment to help strengthen this idea?

What tools, systems, or technologies might you utilize to help strengthen this idea?

Thinking Routines + Tools + Practices

- Materials Exploration
- Learning Walk
- Design Hunt
- Looking Closely
- See – Think – Wonder
- Zoom In



Discovery

Research and curiosity stimulate creativity

How does this idea fit into a broader cultural context (history, art, film, sociology, etc.)?

How does this idea already exist in some other way? What have others done?

What does this idea make you think about or want to know more about?

Thinking Routines + Tools + Practices

- Voice and Choice
- Creative Questions
- Think – Puzzle – Explore
- Question Sorts
- Claim – Support – Question
- Sentence – Phrase – Word
- Headlines
- Connect – Extend – Challenge
- Red Light, Yellow Light