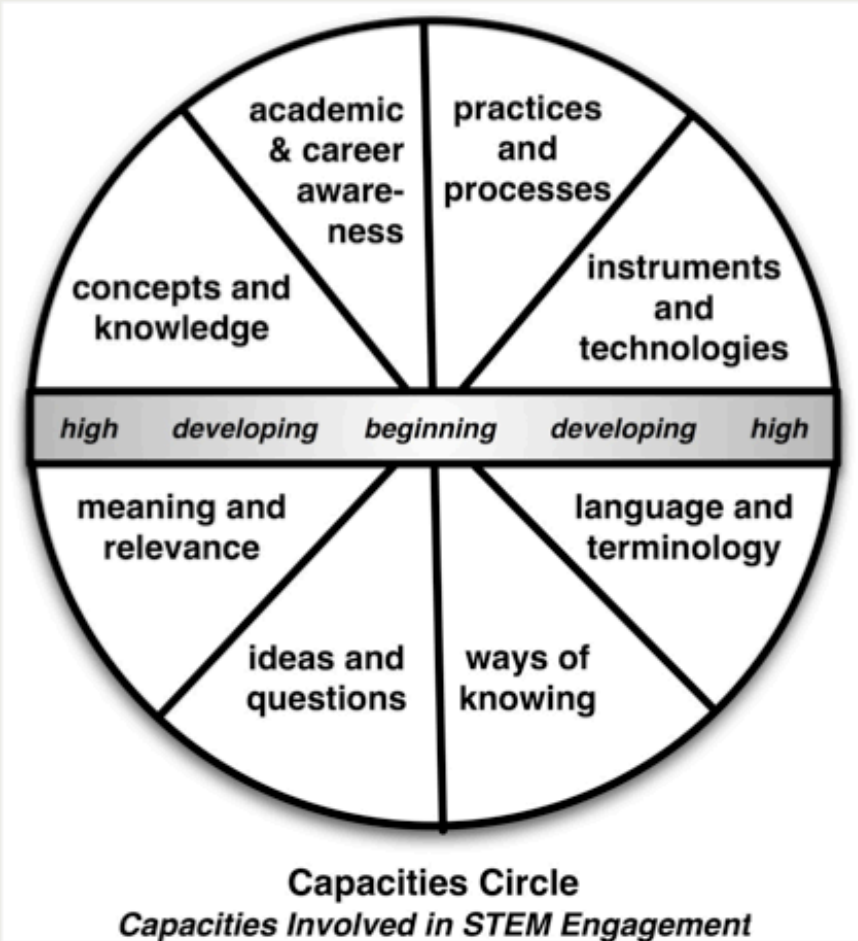


MAPDD

IN A NUTSHELL

# BROADENING OUR VIEW OF WHAT COUNTS



## NOTICING OUR CHOICES/DECISIONS

### Activity

- Goals/tasks that **build on prior interests** and knowledge
- **Materials** that invite inquiry
- STEM as **means not ends**
- Multiple **pathways** in and through
- **Complexifying**

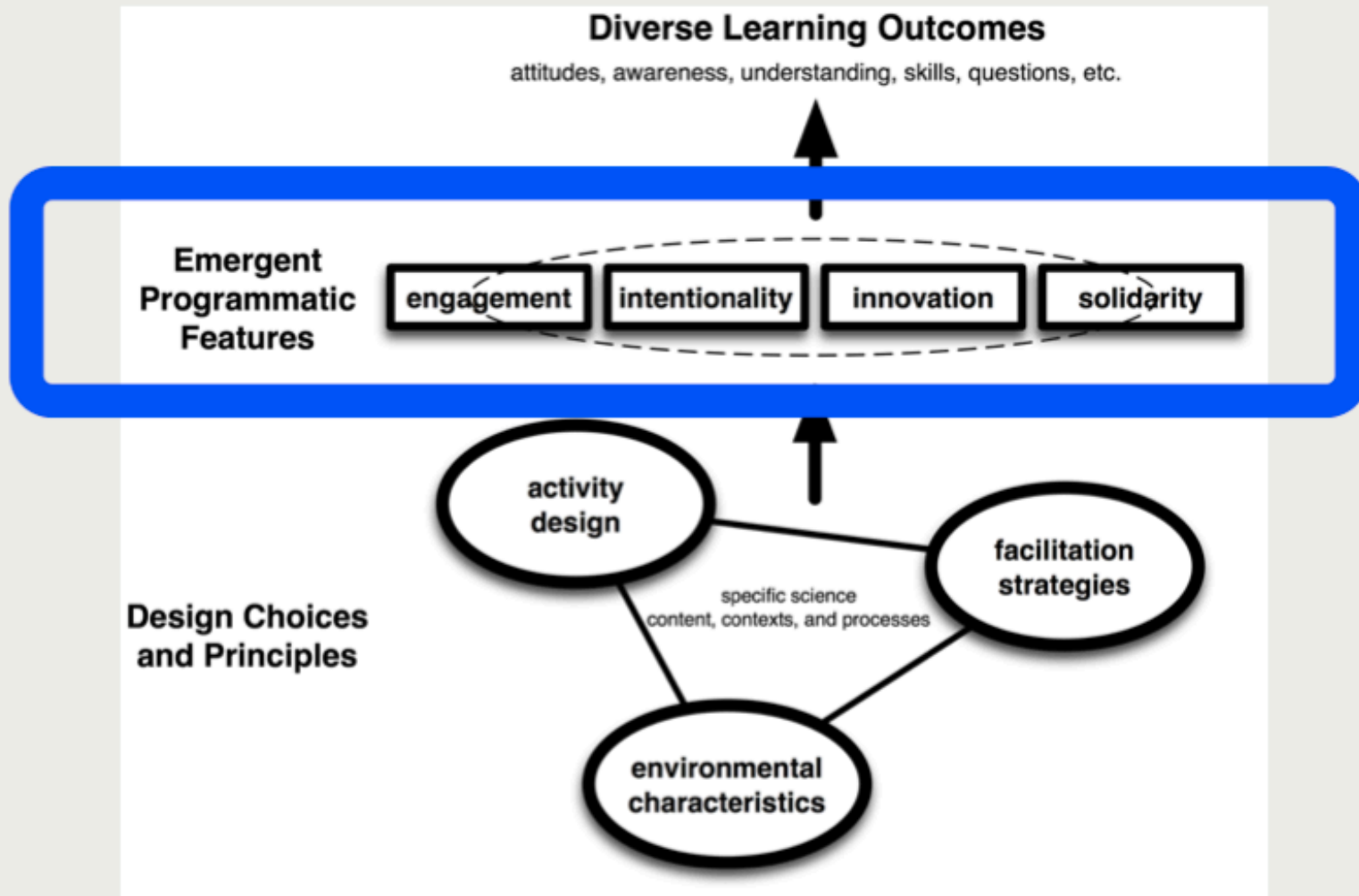
### Facilitation

- Sparking interest through **modeling**, inviting, welcoming
- Sustaining engagement with questions, and **what-ifs**
- Strengthening understanding and purpose through **reflection**

### Environment

- **Ideas** and **inspiration** seeded by models, prior work, activities
- Supporting **initiative** and **autonomy**
- Allowing for **cross-pollination** of ideas
- Enabling, allowing **collaboration**

# IDENTIFYING EMERGENT OUTCOMES THAT MATTER TO US





### **Engagement**

- Duration of participation
- Frequency of participation
- Work inspired by prior examples
- Expressions of joy, wonder, frustration, curiosity



### **Intentionality**

- Variation of efforts, paths, work
- Personalization of projects or products
- Evidence of self-direction



### **Innovation**

- Increasing efficiency/fluency with scientific concepts, tools, processes
- Evidence of repurposing ideas/tools and redirecting efforts
- Complexification of processes and products



### **Solidarity**

- Borrowing and adapting ideas, tools, approaches
- Sharing tools and strategies; helping one another to achieve one's goals

Contributing to the work of others