Re-Imagining School Readiness: Key Findings from Research

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• Released in 2016
• Comprehensive literature review of cognitive and developmental psychology
• Skills and conditions that matter most for success
• Guide educators and families in design of experiences and environments

Position paper

<table>
<thead>
<tr>
<th>Skills</th>
<th>Key Findings</th>
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<tbody>
<tr>
<td>Voca &amp; Play</td>
<td>1. Social and emotional competencies (empathy, sharing, managing feelings) and physical play (exploration, self-regulation) 2. Creativity and creativity-related abilities (imagery, problem-solving)</td>
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<tr>
<td>Size &amp; Shape</td>
<td>1. Understanding size and shape (sorting, matching, comparing) 2. Understanding spatial relationships (building, sequencing)</td>
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<tr>
<td>Body &amp; Space</td>
<td>1. Physical abilities (fine and gross motor skills) 2. Understanding body and space (flexibility, balance)</td>
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# Bay Area Discovery Museum & Center for Childhood Creativity @BADM_org @C4Creativity
Quality adult-child interactions shape children’s thinking skills.

Prosocial behaviors

Children with stronger social skills do better in school, in the workplace and in life.
Prosocial behaviors

Reciprocal interactions trigger helpful behaviors in children.

1. Behaviors that are helpful to others
2. Emotions that are encouraging others to do good
3. Sharing

Science learning is critical for the development of higher-order thinking, but missing from most early school experiences.

A powerful combination for problem solving.

Explanation

Exploration
Math knowledge and skills

Early math skills predict long-term success in school, not just in math learning but also in later reading proficiency.

Executive function

Planning, self-awareness, and self-control—executive functions—predict positive school and life outcomes.
Executive Functions

Executive functions (EFs) predict:
- Literacy and math achievement
- Higher college-going rates
- Lower incarceration rates
- Interpersonal outcomes

Executive Functions and Success

Stress and basic needs

Higher-order thinking, retention of information, and creativity flourish when children experience minimized stress and when their basic needs are met.
Program Example

Connections Math Program:
✓ Adult-child interactions
✓ Math knowledge and skills
✓ Prosocial behaviors

Resources
centerforchildhoodcreativity.org/research

Reimagining School Readiness Toolkit
Upcoming Reimagining School Readiness Webinars

Promising Practices: Thurs., Mar. 21, 2019 @ Noon Pacific
Toolkit Overview: Wed., Apr. 17, 2019 @ Noon Pacific
For more information and to register: http://bit.ly/SRWebinarSeries

Thank you for your feedback!

https://www.surveymonkey.com/r/ETCCCWebinarEvalFeb2019