



litle	% of School	% of District	% of State
First Language not English	37%	24.9	16.7
Limited English Proficient	28%	11.3	7.3
Low-income	76%	57.7	35.2
Special Education	20%	23.1	17.0







- experimentation. Search for information and truth.
- · Evaluate evidence.
- Dispel naïve ideas.
- Read to understand what I thought I knew.
- Transform information from one form to another.
 Description
- Read prose = visualization (Heller & Greenleaf, 2007; Shanahan & Shanahan, 2008)

Summer Program Setting

Staff

- Director and Assistant Director
- 11 teachers, 2 paraprofessionals, 1 SSU graduatestudent volunteer
- Target students—49 struggling readers and writers entering 1st - 5th grade
- 5 classrooms
- Team taught
- Four weeks long, four days a week, four hours a day

Purpose

Provide intensive summer interventions in literacy for struggling readers and writers (predominantly ELL) through science and art.

Two Mantras

- Every child reads something well every day.
- Our curriculum is the child's needs.
 We will focus on content, language, and use.

Planning our Water Content

- 2 Professional Development Sessions
- Developing science content,
- experiments, and field trips with Science Educator
- Brainstorming art extensions with Art Educator
- Informational text focus—how to scaffold learning
- Analyzing assessment data and determining next instructional steps







 Presenting knowledge to authentic audiences

\$Selemicration

Number of Children	Growth on the BAS reading assessment
19 children (39%)	+3 months
14 children (29%)	+6 months
4 children (8%)	+9 months
3 children (6%)	+12 months
9 children (18%)	maintained
rade level àre nó	who were previously below w on or above grade level r months of growth in four w







1. All children learn best when the learning is situated in context

al., 1999), and this is particularly true for ELL students (Cummins, 2000).

2. Assessment should inform instruction (Valencia & Buly, 2002).

More Principles

3. Children need more experience with "high success reading" (Allington, 2002, 2006).

4. Struggling readers need support reading grade-level text every day (Fielding & Roller, 1992, McCormack & Paratore, 2011).

5. Reading informational text complements writing-to-demonstrate learning (Duke, 2004).

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More Principles

6. Low student-to-teacher ratio matters. The most struggling readers need the most specialized, expert instruction (Gerber et al., 2001).

7. Professional development, coaching, and collaboration build teachers' capacity (Guskey, 2003).

Implications and Application

We believe that programs such as this can be implemented during and outside of the school year. It will take:

- Collaboration between ESL teachers, content-area teachers, and district leaders for PD opportunities
- Understanding of motivational, content-rich, languageintensive materials
- Identification of students at risk
- The opportunity for hands-on learning
- More deliberate use of informational text
- · The belief that all students can achieve at high levels

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