

# Early Grade Reading and Math Proficiency

Review of Current Legislative Programs

Education Interim Committee

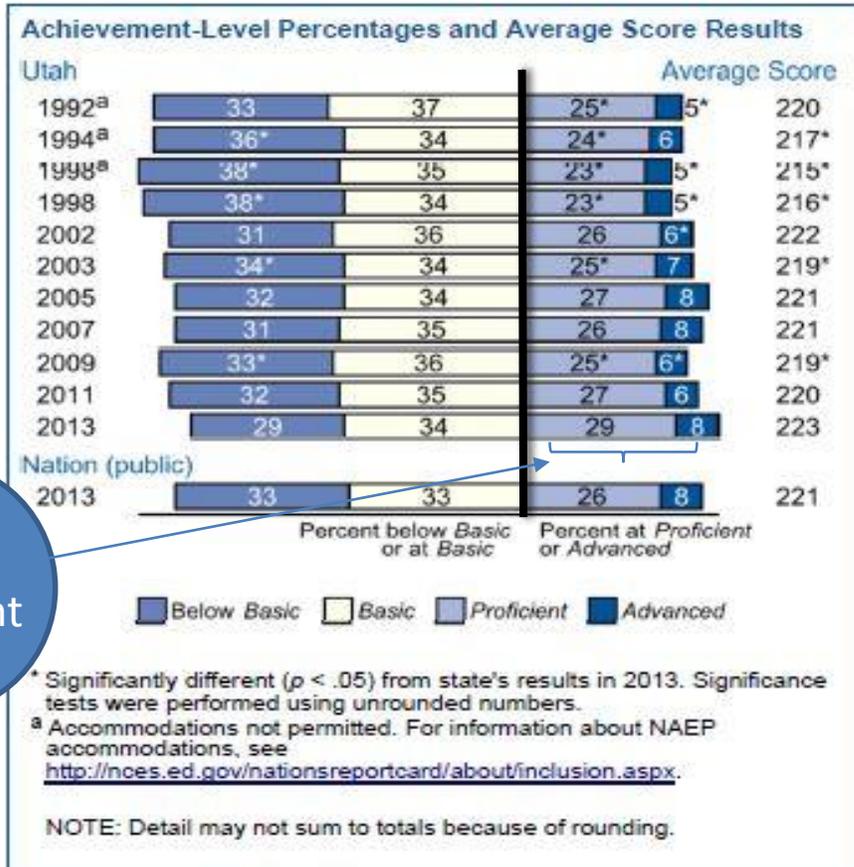
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# National Assessment of Education Progress (NAEP)

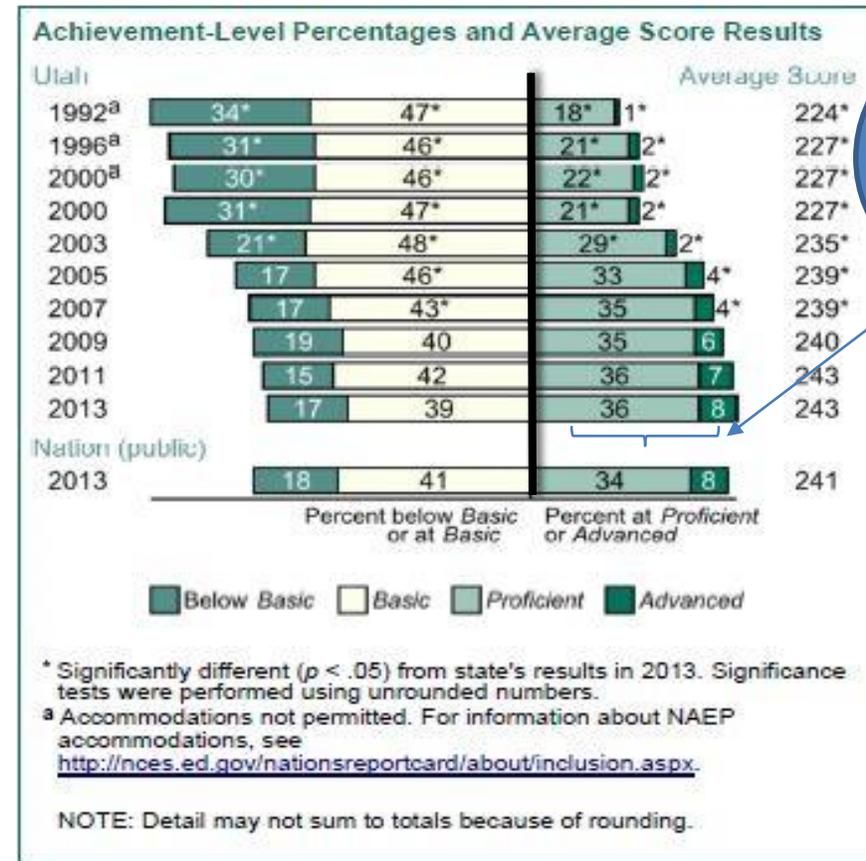
## Utah Results

### 4<sup>th</sup> Grade Reading



37% Proficient

### 4<sup>th</sup> Grade Math



44% Proficient



# Research & Early Learning Policies

- Early learning as a strategy to improve student achievement
  - Research analyzing student achievement data indicates early grade reading and math proficiency are strong predictors for later school success
- Early learning as an investment strategy
  - Research analyzing economic data indicates early learning provides a good return on investment in human capital and is a tool for economic development

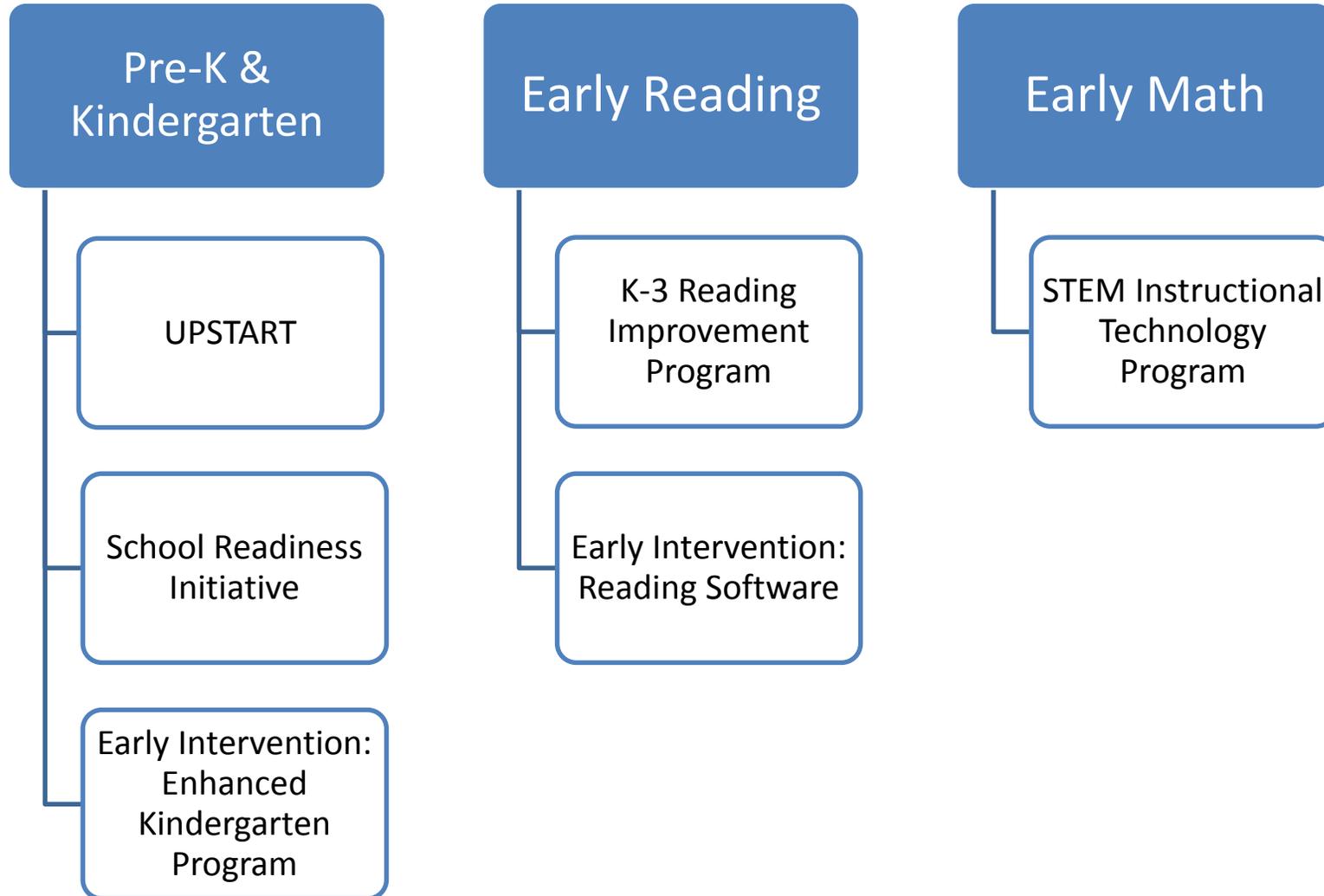
## Sources:

Education Commission of the States, *Initiatives from Preschool to Third Grade: A Policymaker's Guide*, <http://www.ecs.org/docs/early-learning-primer.pdf>

Education Commission of the States, *Math in the Early Years*, <http://www.du.edu/kennedyinstitute/media/documents/math-in-the-early-years.pdf>

National Conference of State Legislatures, *New Research: Early Education as an Economic Investment*, <http://www.ncsl.org/research/human-services/new-research-early-education-as-economic-investme.aspx>

# Current Legislative Programs



# UPSTART

Program Description	Target P-3 Student Population		Year	Scope of Program	Funding Method	Appropriations <sup>2</sup> (in millions)			
	Age	Low-Income				FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>Provides preschool children home access to academic school readiness software</li> </ul>	Pre-K	X	2008	1,250 students <sup>1</sup> (FY2014)	RFP/contract	\$1.8	\$2.3	\$4.8	\$5.8

1. Utah State Office of Education (<http://le.utah.gov/interim/2014/pdf/00004183.pdf>)

2. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

# School Readiness Initiative

Legislative Program	Target P-3 Student Population		Year	Scope of Program	Funding Method	Appropriations <sup>2</sup> (in millions)			
	Age	Low-Income				FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>Authorizes results-based school readiness contracts (loans) to fund preschool classes for low income children</li> <li>Establishes the High Quality School Readiness Grant Program to upgrade existing preschool programs to high quality school readiness programs</li> </ul>	Pre-K	X	2014	3,500 students <sup>1</sup> (over 5 years)	Social Impact Bonding	N/A	N/A	\$3	\$3
				1-2 LEAs/year <sup>2</sup>	Competitive Grants				

- [https://hceconomics.uchicago.edu/sites/default/files/file\\_uploads/SIB-BFFact\\_SheetUtahVersion.pdf](https://hceconomics.uchicago.edu/sites/default/files/file_uploads/SIB-BFFact_SheetUtahVersion.pdf)
- Utah State Office of Education (<http://www.schools.utah.gov/CURR/preschoolkindergarten/School-Readiness/GrantApplication.aspx>)
- Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

# Early Intervention: Enhanced Kindergarten Program

Program Description	Target P-3 Student Population		Year	Scope of Program	Funding Method	Appropriations <sup>2</sup> (in millions)			
	Age	Low-Income				FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>Permanent version of the Optional Extended-Day Kindergarten pilot program enacted in 2007</li> <li>Typically funds additional kindergarten hours that are targeted to bring at-risk kindergarteners up to grade level</li> </ul>	K	X	2007	Statewide <sup>1</sup>	Formula Funding	\$7.5	\$7.5	\$7.5	\$7.5

1. Funding is not sufficient to provide optional extended day kindergarten for all kindergarten students

2. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

# K-3 Reading Improvement Program

Program Description	Target P-3 Student Population	Year	Scope of Program	Funding Method	Appropriations <sup>1</sup> (in millions)			
					FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>The K-3 Reading Improvement Program was created to supplement other school resources to achieve the state's goal to have all Utah students reading at or above grade level by the time they complete the 3<sup>rd</sup> grade.</li> <li>To receive program funds, each LEA must develop a plan to meet individually developed reading achievement goals.</li> </ul>	K-3	2004	Statewide	Formula Funding/ LEA match	\$15	\$15	\$15	\$15

1. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

# Early Intervention: Reading Software

Program Description	Target P-3 Student Population	Year	Scope of Program	Funding Method	Appropriations <sup>2</sup> (in millions)			
					FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>This program offers LEAs, through a competitive process, the option to select from several interactive computer software programs designed to improve early reading skills.</li> <li>LEAs that received a license in the previous year are given first priority in the next year.</li> </ul>	K-3	2012	38,553 students (FY2014) <sup>1</sup>	Licenses made available on a competitive basis	\$2.5	\$4.6	\$7.6	\$7.6

1. Utah State Office of Education (<http://le.utah.gov/interim/2014/pdf/00005005.pdf>)

2. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

# STEM Instructional Technology Program

Program Description	Target P-3 Student Population	Year	Scope of Program	Funding Method	Appropriations <sup>2</sup> (in millions)			
					FY 2013	FY 2014	FY 2015	FY 2016
<ul style="list-style-type: none"> <li>This program offers LEAs, through a competitive process, the option to select from several interactive computer software programs designed to improve early math skills.</li> <li>The statute specifies that contracts with providers can include professional development and up to 10% of the appropriations for the program can include professional development.</li> </ul>	K-3	2014	22,797 students (FY2015) <sup>1</sup>	Licenses made available on a competitive basis	N/A	N/A	\$5	\$0

1. STEM Action Center

2. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

Legislative Program	Target P-3 Student Population		Year	Scope of Program	Funding Method	Appropriations <sup>7</sup> (in millions)			
	Age	Low-Income				FY2013	FY2014	FY2015	FY2016
<b>UPSTART</b>	Pre-K	X	2008	1,250 students <sup>1</sup> (FY2014)	RFP/Contract	\$1.8	\$2.3	\$4.8	\$5.8
<b>School Readiness Initiative</b> Results-based contracts Grant Program	Pre-K	X	2014	3,500 students <sup>2</sup> (over 5 years)  1-2 LEAs/year <sup>3</sup>	Social Impact Bonding  Competitive Grants	N/A	N/A	\$3	\$3
<b>Early Intervention: Enhanced Kindergarten Program</b>	K	X	2007	Statewide <sup>4</sup>	Formula Funding	\$7.5	\$7.5	\$7.5	\$7.5
<b>K-3 Reading Improvement Program</b>	K-3		2004	Statewide	Formula Funding/ LEA Match	\$15	\$15	\$15	\$15
<b>Early Intervention: Reading Software</b>	K-3		2012	38,553 students <sup>5</sup> (FY2014)	Licenses made available on a competitive basis	\$2.5	\$4.6	\$4.6	\$7.6
<b>STEM Instructional Technology Program (K-3)</b>	K-3		2014	22,797 students <sup>6</sup> (FY2015)	Licenses made available on a competitive basis	N/A	N/A	\$5 (K-6)	\$0

1. Utah State Office of Education (<http://le.utah.gov/interim/2014/pdf/00004183.pdf>)

2. [https://hceconomics.uchicago.edu/sites/default/files/file\\_uploads/SIB-RBFFact\\_SheetUtahVersion.pdf](https://hceconomics.uchicago.edu/sites/default/files/file_uploads/SIB-RBFFact_SheetUtahVersion.pdf)

3. Utah State Office of Education (<http://www.schools.utah.gov/CURR/preschoolkindergarten/School-Readiness/GrantApplication.aspx>)

4. Funding is not sufficient to provide optional extended day kindergarten for all kindergarten students

5. Utah State Office of Education (<http://le.utah.gov/interim/2014/pdf/00005005.pdf>)

6. STEM Action Center

7. Legislative Fiscal Analyst Compendium of Budget Information (<http://le.utah.gov/lfa/reports/cobi2015/COBI2015.htm#overviewTab>)

