How to Scale Learning

- Global Context
- Millions Learning Objectives
- Scaling Barriers
- Preliminary Findings
- Next Steps
Spread of School Scaling Success Story

Schooling has spread rapidly in the last 200 years

Number of Students in the World

MILLIONS


PRIMARY STUDENTS

SECONDARY STUDENTS

UNIVERSITY STUDENTS

NO DATA FOR WWI AND WWII

Source: Schofer (2005)
But scaling of **schooling** hasn’t translated into scaling of **learning**

Of the 650 million primary school age children in the world, **38%** of children are not learning the basics. **130 million** are in primary school but have not learned the basics. **120 million** have not even completed 4 years of school.

Source: EFA Global Monitoring Report (2013/14)
At the current pace, it will take 126 years for average-scoring students in developing countries to catch up to those in developed countries today.

Source: Pritchett (2014)
This is all the more relevant with new SDGs
Millions Learning At-A-Glance

- Identify where and how effective learning interventions have scaled
- Distill from case studies and additional evidence key drivers
- Contribute to a global conversation on scale and education
Millions Learning Case Studies

Sesame Street
- 1969
- Early Childhood Development
- 150+ countries, 39 local productions
- Millions of children ages 3 to 5

Aflatoun
- 1991 in India
- Social and financial education
- 113 countries
- 3 million children and 34,000 teachers

Media Center
- 2007
- Amazonas Government
- Distance learning formal secondary school
- 300,000 students, 60 lecturing teachers, and 2,200 tutoring teachers

Lesson Study in Zambia
- 2005
- GoZ & JICA
- 10 provinces
- Peer-to-peer in-service teacher training
- 1.5 million students and 42,000 teachers
What are the Barriers to Scaling?

Systems already at scale difficult to reform

Pilots often designed solely for effectiveness, not scale

Challenges specific to education
Preliminary Findings: Scaling Learning Requires
Open & Adaptive Public Sector that:

• Sets clear education goals with flexibility to achieve them

• Establishes monitoring system that measures progress

• Provides a supportive, transparent regulatory environment
Committed & Flexible Funders that:

• Encourage a culture of innovation, research and development

• Align incentives for understanding and reporting failures

• Support infrastructure needed to scale
Implementers that:

• Plan for scale from the start

• Align with political priorities

• Constantly improve using data analytics
Next Steps

- Millions Learning study launch March 2016
- Stand alone case studies published 2016
- Millions Learning 2.0
  - Dissemination at global and regional events
  - Uptake of recommendations
  - Real Time Scaling Lab?
  - Peer to Peer Learning Network?

For more information, please visit us at [www.brookings.edu/about/centers/universal-education/millions-learning](http://www.brookings.edu/about/centers/universal-education/millions-learning) or contact Jenny Perlman Robinson at jperlman@brookings.edu.
## Annex: Case Study Overview

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Education Level</th>
<th>Focus Area</th>
<th>Numbers Reached</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aflatoun</td>
<td>113 countries, starting in India</td>
<td>Early Childhood, Primary, Post-Primary</td>
<td>Entrepreneurial Development, Financial Literacy</td>
<td>34,000 teachers, 3 million students</td>
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<tr>
<td>Bridge International Academies</td>
<td>Kenya, Nigeria, Uganda, and India (January 2016)</td>
<td>Early Childhood, Primary</td>
<td>Early Childhood Development, Primary (Low-Cost Private School)</td>
<td>8,000 teachers, 119,000 students</td>
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<tr>
<td>Educate! Experience</td>
<td>Uganda</td>
<td>Post-Primary</td>
<td>Post-Primary Education, Entrepreneurial Development, Teacher Training</td>
<td>90,000 students</td>
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<tr>
<td>Education Sector Support Programme in Nigeria (ESSPIN)</td>
<td>Nigeria (across six states)</td>
<td>Primary</td>
<td>Teacher Training, Whole System Reform, Infrastructure Improvements</td>
<td>3.7 million students</td>
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<tr>
<td>INJAZ</td>
<td>Jordan (all 12 governorates)</td>
<td>Post-Primary</td>
<td>Financial Literacy, Work Readiness, Entrepreneurial Development</td>
<td>1 million students</td>
</tr>
<tr>
<td>Lesson Study</td>
<td>Zambia (all 10 provinces)</td>
<td>Primary, Post-Primary</td>
<td>Teacher Training</td>
<td>42,000 teachers, 1.5 million students</td>
</tr>
<tr>
<td>Media Center</td>
<td>Amazonas State, Brazil</td>
<td>Post-Primary</td>
<td>Distance Learning Program</td>
<td>300,000 students</td>
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<td>Read India – Learning Camps, Pratham</td>
<td>India (across 19 states)</td>
<td>Primary (Grades 3-5)</td>
<td>Remedial Education</td>
<td>224,000 students</td>
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<tr>
<td>Room to Read</td>
<td>Bangladesh, Cambodia, India, Laos, Nepal, South Africa, Sri Lanka, Tanzania, Vietnam, Zambia</td>
<td>Primary (Grades 1-2)</td>
<td>Early Grade Reading, Girls’ Education, Teacher Training</td>
<td>2,000 teachers, 110,000 students</td>
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<tr>
<td>Sesame Street</td>
<td>150+ countries</td>
<td>Early Childhood</td>
<td>Early Childhood Development, Cognitive Development, Early Grade Reading &amp; Mathematics</td>
<td>780 million students</td>
</tr>
<tr>
<td>Sistema de Aprendizaje Tutorial / Tutorial Learning System (SAT)</td>
<td>Brazil, Colombia, Ecuador, Guatemala, rural areas of Honduras, Nicaragua</td>
<td>Post-Primary (Lower and Upper Secondary)</td>
<td>Alternative Secondary School Program</td>
<td>300,000 students</td>
</tr>
<tr>
<td>Teach for All</td>
<td>36 countries</td>
<td>Early Childhood, Primary, Post-Primary</td>
<td>Alternative Pathways to Teaching, Education Reform</td>
<td>52,323 teachers &amp; alumni, 1.1 million students</td>
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<tr>
<td>Vietnam Education Policy Reforms</td>
<td>Vietnam</td>
<td>Primary, Post-Primary</td>
<td>Whole System Reform</td>
<td>~14 million students</td>
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<tr>
<td>Worldreader Mobile and E-Reader Literacy Programs</td>
<td>39 countries</td>
<td>Primary, Post-Primary</td>
<td>Literacy</td>
<td>341,000 students per month</td>
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