## Virginia Kindergarten Readiness Program

Overview & Update August 25, 2015

Amanda Williford, Ph.D.

Center for Advanced Study of Teaching and Learning



### Acknowledgments



- Pilot phases of VKRP (2013-2015) were funded by Elevate Early Education (E3) through public & private investments
  - The Commonwealth appropriated \$250,000 in General Funds
  - These funds were matched \$2:\$1 with \$500,000 in private donations from the Batten Educational Achievement Fund of the Hampton Roads Community Foundation
- The Commonwealth appropriated \$1,000,000 in General Funds in the FY 2015-16 to begin statewide implementation

Opinions expressed in this presentation are those of the authors and may not represent views of the funding agencies We thank the generous school divisions, administrators, teachers, and kindergarten students who have participated 2

### What is School Readiness?



 Skills children have when they enter school that prepare them for later school success

> Language, Self-regulation, Social skills, Literacy, Mathematics, Science, Motor skills, Health

### Why Do We Care?



- Children who enter kindergarten behind their peers are more likely to:
  - Continue to fall below grade level expectations
  - Be retained
  - Receive special education services
  - Drop out of high school



# Assess the degree to which children start kindergarten "ready"

- Data used to look forward and backward
  - Inform both early childhood and early elementary education practices
- Provide actionable data to the policy makers, districts, and teachers
  - Identify sites or populations that need additional efforts to ensure students' school success
  - Provide a benchmark over time used to determine if the state has made progress in improving child outcomes

### How Does Virginia Compare?



- States' use of Kindergarten Readiness
   Assessments/Kindergarten Entry Assessments
   has increased dramatically
- Most states are (or are in the planning phases of) assessing multiple early learning domains at kindergarten entry
- In Virginia, the only common assessment used in kindergarten is **PALS** (Phonological Awareness Literacy Screening)

### Virginia Kindergarten Readiness Program (VKRP)



Key goals for understanding kindergarten readiness in Virginia:

- Provide a "snapshot" of Virginia's entering kindergarteners' readiness skills
- Present recommendations for a statewide comprehensive readiness assessment

### **VKRP Measures Selection**



- Objectives
  - Address multiple early learning domains (to complement PALS)
  - Reliable and valid instruments
  - Feasible for teachers to:
    - Administer
    - Use to guide instruction
- Choices
  - Literacy-Teacher administered direct assessment (PALS)
  - Math-Teacher administered direct assessment
  - Self-regulation-Teacher report
  - Social-skills-Teacher report

### VKRP 2014-15 Pilot Study



Representative of the state

- 2,036 kindergarten students
- 100 classrooms, 41 elementary schools, 16 school divisions
- Students—5.4 years old, 47% female
  - 51% White, Not Hispanic, 28% Black, 9% Hispanic,
    6% Asian, 6% other
  - 11% ELL, 7% had IEPs

#### Too Many Virginia Children Are Not Ready

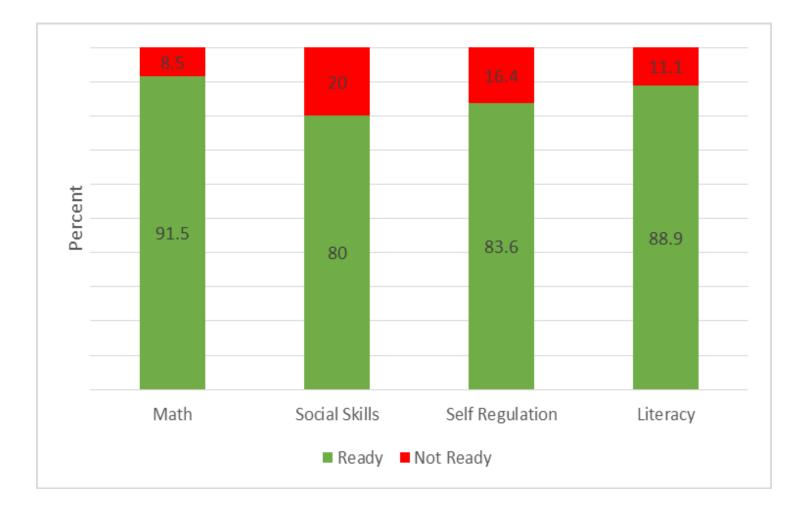


Readiness	Frequency	Percent
"Not ready" in at least 1 domain	647	33.9
"Not Ready" in 1 domain	374	19.6
"Not Ready" in 2 domains	182	9.5
"Not ready" in 3 domains	61	3.2
"Not ready" in 4 domains	30	1.6
"Ready" in all domains	1,264	66.1
Sub Total	1,911	100.0
Missing	125	
Total	2,036	

An estimated over 31,000 Virginia children are not prepared for kindergarten



#### Percent of Students "Ready" or "Not Ready" by Domain



### Recommendations



- Assess skills beyond literacy
- Implement a voluntary statewide rollout
  - Involve stakeholders
  - Develop an integrated data system
  - Make data useful for teachers
- Use data to make data-driven policy decisions
  - Effective early intervention strategies
    - Birth through preschool
    - Kindergarten through 3<sup>rd</sup>



- Funding allocated in the FY 2016 state budget to UVA to begin statewide implementation
  - Collaborating with DOE and PALS
  - Graduated, voluntary roll-out
    - 21 diverse school divisions

- 20 additional school divisions interested to participate next year

- 535 kindergarten classrooms
- Teacher trainings underway (75% complete)

### **Building off the Success of PALS**



TOOLS	RESOURCES	RESEARCH & DEVELOPMEN	Rti QUICK CHECKS	FOR PARENTS	P	NTER SCORES AND	VIEW REPORTS
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### **Building off PALS**





### **Integrated Reports**



#### Virginia Kindergarten Readiness Program Classroom Summary Report Teacher Name: XXXX School Name: XXXX

Student's Scores on each early learning domain are provided below. Within each learning domain, students whose score is at or above the benchmark/threshold are shaded in green and students whose score is below the benchmark/threshold are shaded red.

Name	Math	Literacy	Social Skills	Self-Regulation
Class	XX	XX	XX	хx
Average				
Kid 1	XX	XX	XX	XX
Kid 2	XX	XX	xx	XX
Kid 3	XX	XX	xx	XX
Kid 4	XX	XX	XX	XX
Kid 5	XX	XX	XX	xx
Kid 6	XX	XX	XX	XX
Kid 7	XX	XX	xx	XX
Kid 8	XX	XX	XX	XX
Kid 9	XX	XX	XX	XX
Kid 10	XX	XX	xx	xx
Kid 11	XX	XX	xx	xx
Kid 12	XX	XX	XX	xx
Kid 13	XX	XX	XX	xx
Kid 14	XX	XX	XX	XX
Kid 15	XX	XX	XX	xx

### Data Linked to Strategies



 Evidenced-based strategies mapped onto early learning subscales and/or items
 Example:

#### **Self-Regulation**

- Observes rules and follows direction without requiring frequent reminders
- Responds to instructions and then begins an appropriate task without prompting

#### **Cues and Visuals**

- Cues are quick, *effective* verbal or non-verbal reminders of an expected behavior
- Visuals are materials that teachers can use to help students understand and remember what they should be doing

**Iterative Development Process** 



- Graduated roll-out
- Gather extensive feedback
  - Teachers, principals, curriculum specialists, superintendents, DOE, other stakeholders
- Improve the assessment system
- Provide supports to teachers
- Report the results
  - Teachers, schools, divisions, state