

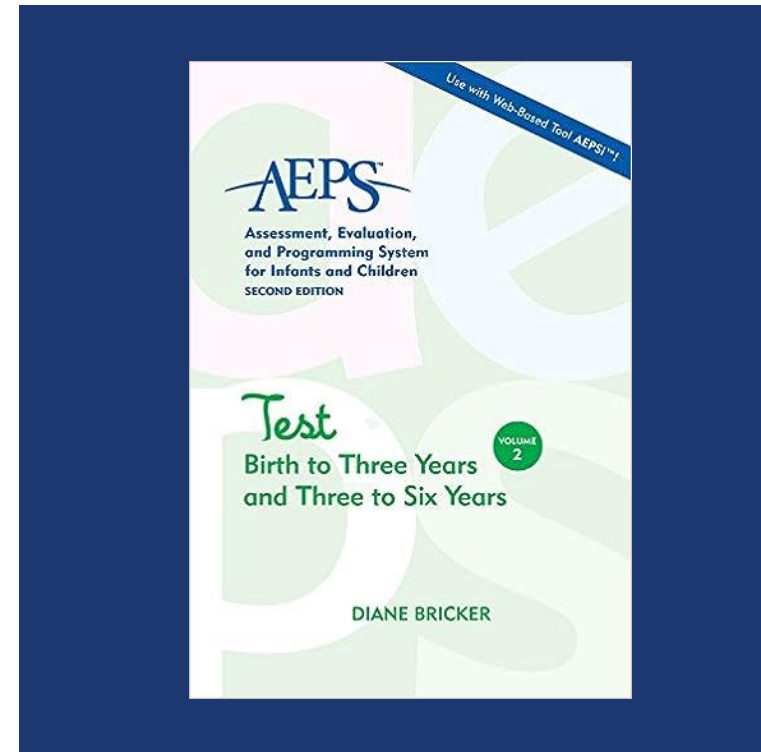
# Preschool Data

Dr. Whitney Stevenson  
August 2023

# Assessment, Evaluation, and Programming System (AEPS)



- Authentic, criterion-referenced, curriculum-based assessment
- Monitors development in 6 areas:
  - Fine motor
  - Gross motor
  - Adaptive
  - Cognitive
  - Social-Communication
  - Social
- AEPS I and AEPS II
  - Scoring: 2 (mastered), 1 (emerging), 0 (not evident)





# FCPS Preschool AEPS Process

All new leads and paraprofessionals are trained each year

All preschool staff (administration, leads, paras) participate in early inter-reliability training on the AEPS

## 3 Yearly Data Points:

- Fall: End of October
- Winter: End of January
- Spring: End of May



# 2022-23 FCPS Preschool AEPS Data

By the  
Numbers:

**701**

Students who had  
all 3 data points  
completed  
(attended fall  
through spring)

**111**

3 year-old students

**590**

4 year-old students

**352**

Students with  
disabilities

**349**

Student qualifying  
by family income



# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Fine Motor	701	70% (357 Students)

AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 51%  
AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%

AEPS II Fine Motor Criteria:

Strands-2 (Bilateral Motor Coordination, Emergent Writing)

Goals-5

Indicators-10

AEPS I Fine Motor Criteria:

Strands-2 (Reach, Grasp, and Release, Functional Use of Fine Motor Skills)

Goals-10

Indicators-23



# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Gross Motor	701	79% (411 Students)

AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 59%  
AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%

AEPS II Gross Motor Criteria:

Strands-2 (Balance and Mobility, Play Skills)  
Goals-6  
Indicators-11

AEPS I Gross Motor Criteria:

Strands-4 (Movement and Locomotion in Supine and Prone Position, Balance in Sitting, Balance and Mobility, Play Skills)  
Goals-13  
Indicators-42



# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Adaptive	701	72% (348 Students)
AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 50% AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%		

AEPS II Adaptive Criteria:

Strands-3 (Mealtime, Personal Hygiene, Dressing and Undressing)

Goals-7

Indicators-28

AEPS I Adaptive Criteria:

Strands-3 (Feeding, Personal Hygiene, Undressing)

Goals-9

Indicators-23



# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Cognitive	701	59% (194 Students)

AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 27%  
AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%

AEPS II Cognitive Criteria:

Strands-8 (Concepts, Categorizing, Sequencing, Recalling Events, Problem Solving, Play, Premath, Phonological Awareness and Emergent Reading)  
Goals-17  
Indicators-37

AEPS I Cognitive Criteria:

Strands-7 (Sensory Stimuli, Object Permanence, Causality, Imitation, Problem Solving, Interaction with Objects, Early Concepts)  
Goals-19  
Indicators-37





# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Social-Communication	701	67% (343 Students)
AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 49% AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%		

AEPS II Social-Communication Criteria:

Strands-2 (Social-Communication Interactions, Production of Words, Phrases, and Sentences)  
Goals-8  
Indicators-41

AEPS I Social-Communication Criteria:

Strands-4 (Prelinguistic Communicative Interactions, Transition to Words, Comprehension of Words and Sentences, Production of Social-Communicative Signals, Words, and Sentences)  
Goals-10  
Indicators-36



# 2022-23 FCPS Preschool AEPS Data

Developmental Area	Number of Students (AEPS I & II)	Percent of Students with mastered/emerging skills
Social	701	73% (370 Students)
AEPS II: Percentage of Students who reached 80% mastery or above in the spring: 53%		
AEPS I: Percentage of Students who reaching 80% mastery or above in the spring: 14%		

AEPS II Social Criteria:

Strands-4 (Interaction with Others, Participation, Interaction with Environment, Knowledge of Self and Others)

Goals-11

Indicators-36

AEPS I Social Criteria:

Strands-3 (Interaction with Familiar Adults, Interaction with Environment, Interaction with Peers)

Goals-7

Indicators-18

# 2022-23 FCPS Preschool AEPS Data Overview



Developmental Area	Number of Students: 701 AEPS I & II	Percent of Students with Mastered or Emerging skills
<b>Fine Motor</b>	AEPS I: 7 AEPS II: 694	79%
<b>Gross Motor</b>	AEPS I: 7 AEPS II: 694	70%
<b>Adaptive</b>	AEPS I: 7 AEPS II: 694	72%
<b>Cognitive</b>	AEPS I: 7 AEPS II: 694	59%
<b>Social-Communication</b>	AEPS I: 7 AEPS II: 694	67%
<b>Social</b>	AEPS I: 7 AEPS II: 694	73%



# 4-Year-Old Student Growth: Cognitive Area



## AEPS I and II 4-year-old students (556 total)

### Student Demographics:

- ❖ 352 whose families qualified by income
- ❖ 204 with a diagnosed disability

### Cognitive Area Growth:

- 516 increased their cognitive score from one data point to another during the school year (92%)
- 40 maintained their cognitive score from one data point to another

# Preschool Mobile Classroom Data



## Spring 2023 Mobile Classroom Programming

- ❖ February through May
- 8 children and families served through neighborhood programming
- 40 to 50 children and families served through community events/activities
- 5 families were provided information on food, housing, and Head Start resources
- 6 families received engagement packets after expressing concerns about their child's development
- All families were provided information about state-funded preschool

Children and families had access to a certified preschool teacher during all preschool events/activities.

# Preschool Family/Guardian Yearly Survey Data



■▶ Goes out in May

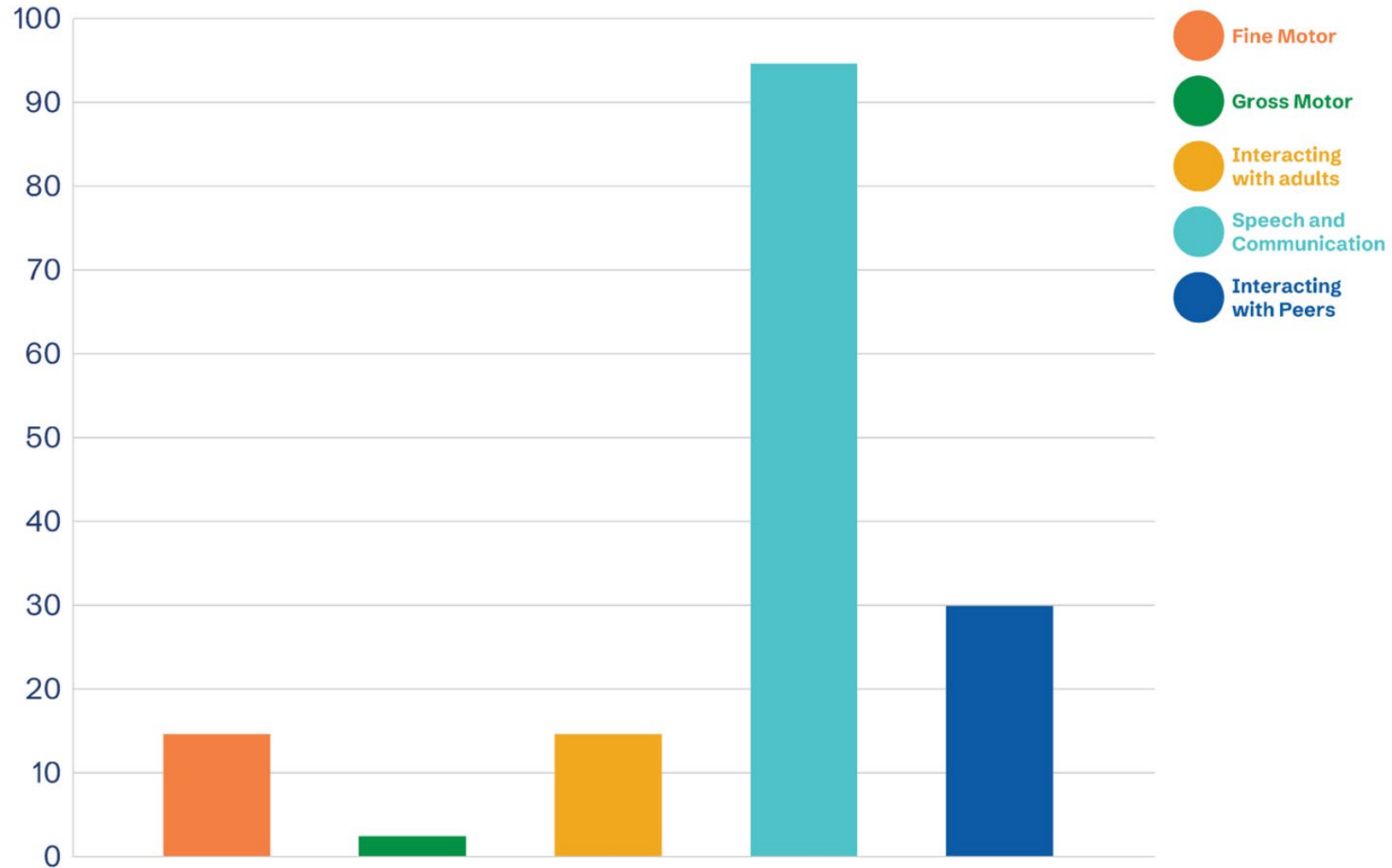
■▶ Google survey shared with all families via teachers (5 languages)

■▶ 2022-23 school year: 155 responses

■▶ What happens with the data:

- Preschool team reviews the information during the summer
- Survey information is shared with the Preschool teaching teams in August
- Potential program changes (for continuous improvement) are considered

# Family/Guardian Reporting of Skill Development



# Additional Family/Guardian Survey Information



## 100% “Yes” response rate to the following question:

”Do you feel the Preschool Program has been a good experience for your child?”

## Responses to the question “What did you like best about the Preschool Program?”

- Children working with peer, learning numbers, letter, speech therapy; learning to write
- Loving, caring teachers; Welcoming environment
- Hands-on experiences
- More exposure to different social settings to practice social skills
- The positive learning environment
- Small classroom size
- The diversity
- "That my son was excited to learn something new everyday."



# Additional Family/Guardian Survey Information



## Recommendations

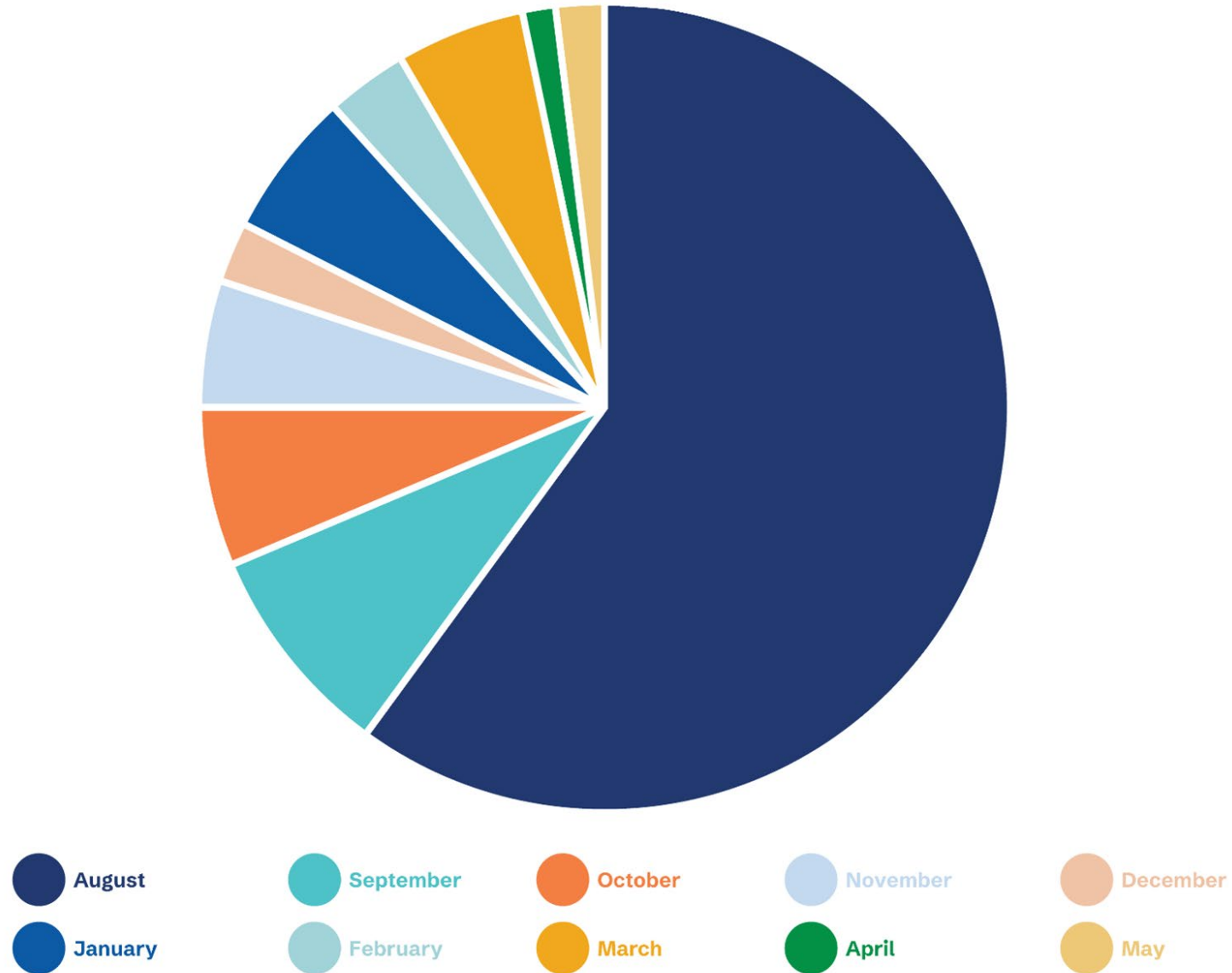
- Longer day
- Access for all (3 and 4 year olds)

## Additional Feedback

- "I love the way you personally teach my child. Thank you."
- "It was an emotional journey for my baby and our family, so thank the teacher for being understanding and super patient."
- Lots of love and support for schools, teachers, and the learning that occurs
- "Very grateful for this program. My son will go to kindergarten and I am completely confident in his readiness for it!"
- "Preschool program helped my child speak in full sentences and helped with her confidence."
- Access for all



# Preschool Family/Guardian Survey Data



**THANK YOU!**



**Questions?**