

OCYL Literacy & Number Sense Program- Assessment Data 2024-2025

The document presents early childhood assessment data for literacy and number sense proficiency levels for children aged 3 to 5 for the 2024-25 school year.

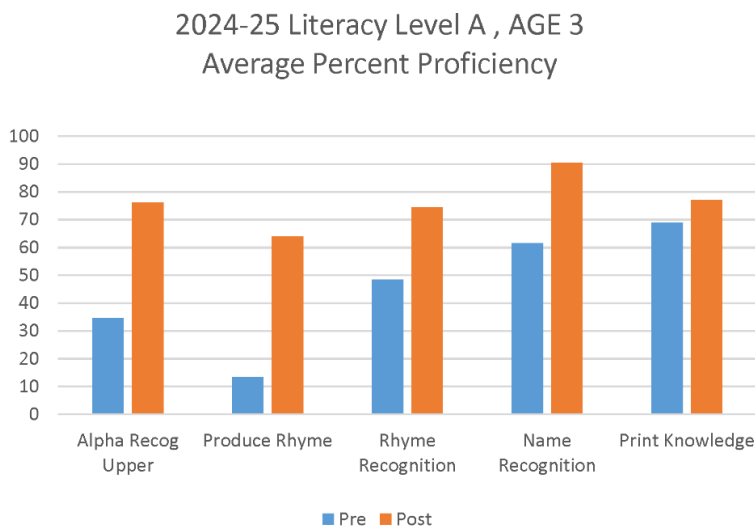


Summary of Data:

Enrollment: 48 students filled 73 (of 78 max) seats. 12 students remained on the waitlist at the end of the year.

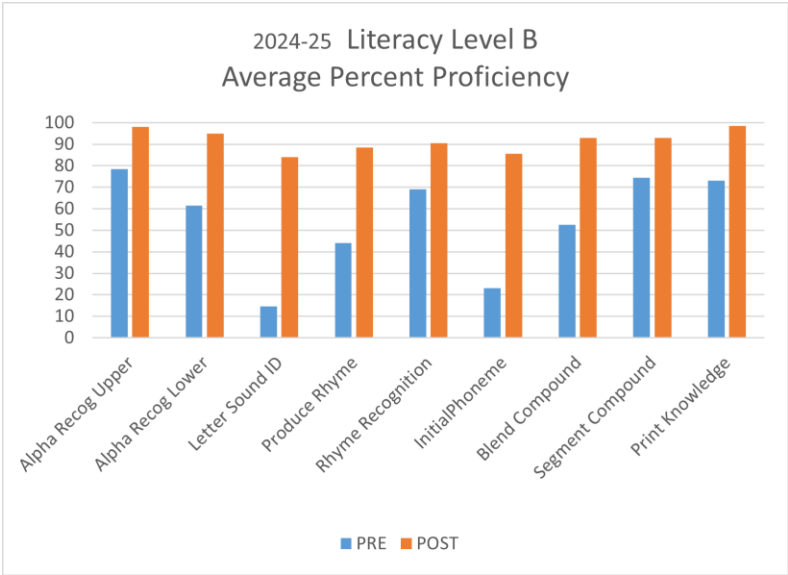
Literacy Level A (Age 3)

- **Alpha Recognition Upper:** Proficiency increased from approximately 60% (Pre) to 90% (Post).
- **Produce Rhyme:** Proficiency increased from around 30% (Pre) to 70% (Post).
- **Rhyme Recognition:** Proficiency increased from about 40% (Pre) to 80% (Post).
- **Name Recognition:** Proficiency increased from 50% (Pre) to 90% (Post).
- **Print Knowledge:** Proficiency increased from 40% (Pre) to 70% (Post)



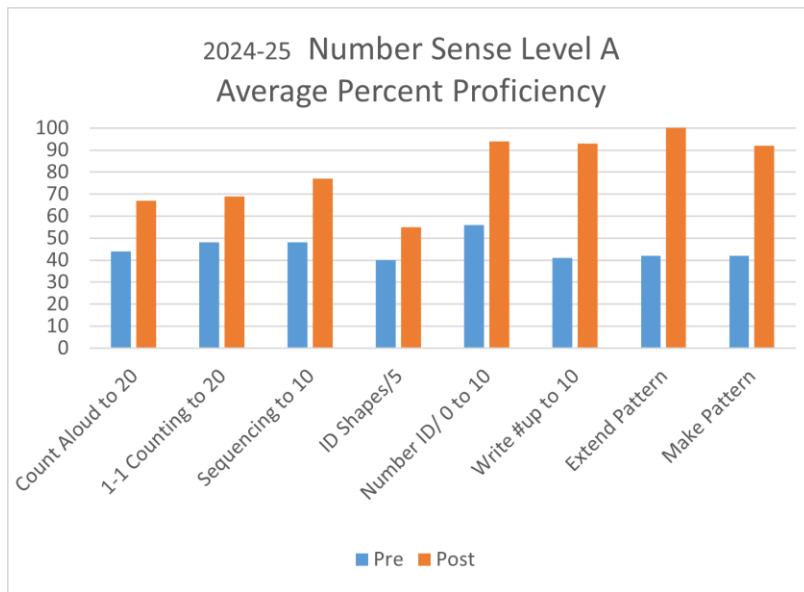
Literacy Level B (Ages 4 turning 5)

- Proficiency levels for all literacy skills showed significant improvement from Pre to Post, with Post scores nearing 90%-100% across all categories.



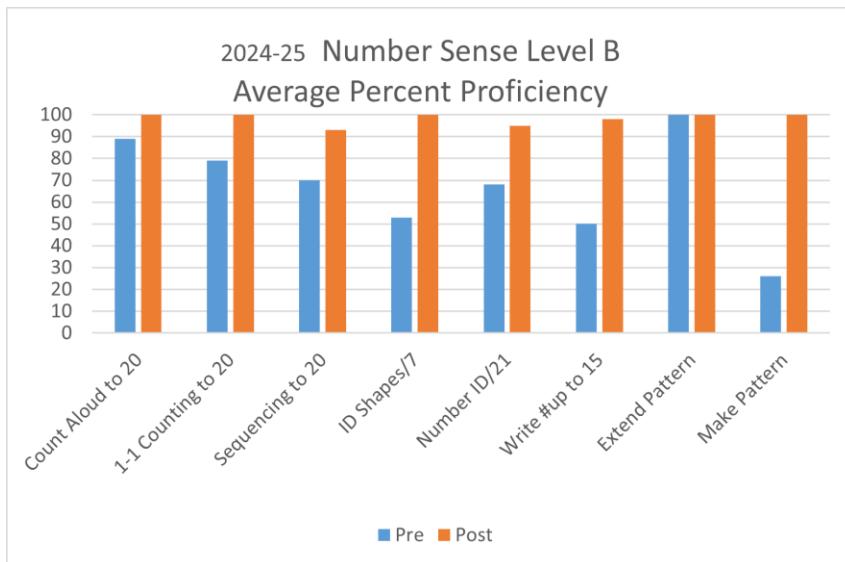
Number Sense Level A (Age 3)

- **Count Aloud to 20:** Proficiency increased from approximately 50% (Pre) to 90% (Post).
- **1-1 Counting to 20:** Proficiency increased from 40% (Pre) to 80% (Post).
- **Sequencing to 10:** Proficiency increased from 50% (Pre) to 80% (Post).
- **ID Shapes/5:** Proficiency increased from 50% (Pre) to 90% (Post).
- **Number ID/0 to 10:** Proficiency increased from 40% (Pre) to 80% (Post).
- **Write # up to 10:** Proficiency increased from 30% (Pre) to 70% (Post).
- **Extend Pattern:** Proficiency increased from 50% (Pre) to 90% (Post).
- **Make Pattern:** Proficiency increased from 40% (Pre) to 90% (Post).



Number Sense Level B (Ages 4 turning 5)

- **Count Aloud to 20:** Proficiency increased from approximately 70% (Pre) to 100% (Post).
- **1-1 Counting to 20:** Proficiency increased from 60% (Pre) to 90% (Post).
- **Sequencing to 10:** Proficiency increased from 70% (Pre) to 90% (Post).
- **ID Shapes/7:** Proficiency increased from 60% (Pre) to 90% (Post).
- **Number ID/21:** Proficiency increased from 50% (Pre) to 90% (Post).
- **Write # up to 15:** Proficiency increased from 40% (Pre) to 80% (Post).
- **Extend Pattern:** Proficiency increased from 70% (Pre) to 100% (Post).
- **Make Pattern:** Proficiency increased from 50% (Pre) to 90% (Post).



Overall Observations:

- Both Literacy and Number Sense skills showed significant improvement from Pre to Post assessments across Levels A and B.
- Level B demonstrated higher initial proficiency levels compared to Level A, but both levels achieved high post-assessment scores, with many skills nearing 90%-100% proficiency.



Observed Trends in Pre and Post Assessments:

1. Consistent Improvement Across All Skills:

- Both Literacy and Number Sense skills showed significant improvement from Pre to Post assessments in Levels A (Age 3) and B (Ages 4 turning 5).
- Post-assessment scores were consistently higher than Pre-assessment scores, indicating effective learning and skill development.

2. Higher Gains in Level A (Age 3):

- Level A (Age 3) showed larger percentage increases in proficiency across most skills, suggesting rapid development in foundational skills during early childhood.

3. Higher Initial Proficiency in Level B (Ages 4 turning 5):

- Level B started with higher Pre-assessment scores compared to Level A, reflecting the developmental progression expected for older children.
- Post-assessment scores for Level B were closer to 90%-100%, indicating mastery of skills.

4. Key Areas of Growth:

- **Literacy:** Skills like "Produce Rhyme" and "Rhyme Recognition" showed significant improvement, especially in Level A.
- **Number Sense:** Skills such as "Write # up to 10/15" and "Make Pattern" showed substantial growth, particularly in Level A.



Factors impacting success: Attendance, class size, student/teacher ratio, the year-long schedule, a highly focused curriculum, and affordability all impact student growth.

1. Program “school year” schedule:

- Children attend the Literacy program for 2 mornings a week, and one morning a week for Number Sense.
- The program begins the 2nd week of September and ends mid-May
- Literacy consists of 60 classes, and Number Sense consists of 30 classes
- Classes are 2 hours long
- Classes are aligned with RIELDS (Rhode Island Early Learning & Development Standards)
- The curriculum was developed by OCYL based on a structure from a post-doc .

2. Attendance:

- Attendance for the 2024-25 year was 92.5%

3. Class size:

- Level A classes- maximum of 12 students
- Level B classes -maximum of 14 students

4. Student/Teacher Ratio:

- Level A classes are 6:1 with a lead teacher and an assistant teacher
- Level B classes are 7:1 with a lead teacher and an assistant teacher

5. Curriculum:

- The curriculum for Literacy is based on a 4-class schedule
 - i. Each of 4 classes presents a portion of a whole block of content, helping students relate specific skills to one another via a theme that includes a song/chant that rhymes, circle time, centers and whole group/small group activities.
- Number Sense lessons follow a progression appropriate for each level

6. Affordability:

- OCYL's operational expenses (utilities, administrative staff, etc.) are funded by the Municipality's General Fund, OCYL can pass on the savings to these families.
- For Literacy and Number Sense (only), Cumberland residents receive a 50% discount on the overall cost of the program.
 - i. Residents who have older children in the schools and qualify for Free/Reduced Lunch attend for a nominal 10% fee.
 - ii. Residents who have not applied for or don't qualify for Free/Reduced Lunch may apply to the Sliding Scale, where they pay 25%, 50% or 75% of the resident rate. The scale is based on percentages of gross household income above the poverty rate.
 - iii. The majority of students are residents of Cumberland
 - iv. Approximately 10 % qualify each year for some form of Financial Assistance. This is typically higher in the summer when a Level C class is offered for students who have just completed Kindergarten.
- Non-residents pay the full rate
- All families are offered an automatic payment plan, dividing the amount due into 5 equal payments after a 10% non-refundable deposit.
- The rates were increased 3 years ago and will be increased slightly beginning in the 2026_27 school year.
 - i. Current resident rate for the entire "school year": \$1,200 Literacy, \$600 Number Sense.
 - ii. New rate beginning with registration in February 2026: \$1,320 Literacy, \$660 Number Sense.

Prepared 11/10/25 by OCYL Director, Liz White.

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