

2007-2008 Portrait of Child Outcomes In Oregon Head Start Prekindergarten

Drawn from Oregon Head Start PreK Programs Using the
Galileo Preschool Online Assessment Scales

Note: *The information below is taken from reports provided by the Oregon Galileo Technology Chapter, in collaboration with Assessment Technology, Incorporated.*

The Galileo Preschool Assessment scales provide a comprehensive, reliable, age-appropriate view of children's growth in eight domains of school readiness:

- Language and Literacy
- Early Math
- Social and Emotional
- Approaches to Learning
- Nature and Science
- Creative Arts
- Fine and Gross Motor Skills
- Physical Health Practices.

One of the scores generated by Galileo for use in documenting outcomes is the Developmental Level Score. Changes in Development Level Scores are generally used by early childhood programs and research committees to indicate growth after one program year of intervention. In the fall of each year, a typical four year old can be expected to demonstrate a Developmental Level Score of about 500 on each Galileo Scale. By spring, it is usually expected that children's scores will increase by 50 points, to a level of 550.

The results and graphs on the following pages depict growth by children enrolled in Oregon Head Start Prekindergarten (OHS PreK) programs, as measured by the Galileo Assessment Scales. The results are based on the average scores of approximately 1100 children, ages 3 – 5 years, who were enrolled for the full program year in five OHS PreK programs that use the Galileo Assessment. These five programs represent rural and urban areas from across the state and serve children in families living at or below the Federal poverty level. Programs contributing data to this portrait are located in the following counties: Clackamas (Clackamas ESD), Lane (Head Start of Lane County), Harney (Harney ESD), Lincoln (Community Services Consortium) and Douglas (Umpqua Community Action Network).

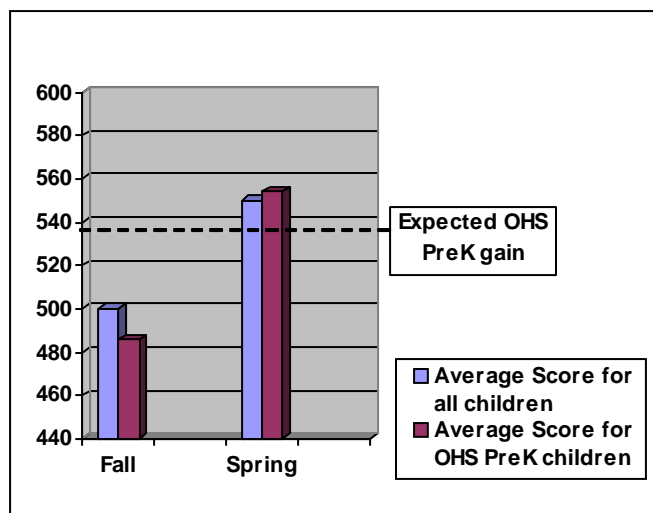
Result Highlights

- ***Oregon Head Start Prekindergarten children*** made gains from the Fall to Spring which ***exceeded expectations in each of the eight Galileo domains***.
- In the Spring, ***Oregon Head Start Prekindergarten children had scores above the 75th percentile in all areas***, above the 80th percentile in Language and Literacy Development, Early Math, and Physical Health and above the 90th percentile in Approaches to Learning, Creative Arts, and Fine & Gross Motor.

Language and Literacy Developmental Level Results

The Galileo Language and Literacy Scale assesses capabilities in listening and understanding spoken language, speaking and communicating, phonological awareness, book knowledge and appreciation, print awareness and concepts, early reading and writing, and alphabet knowledge.

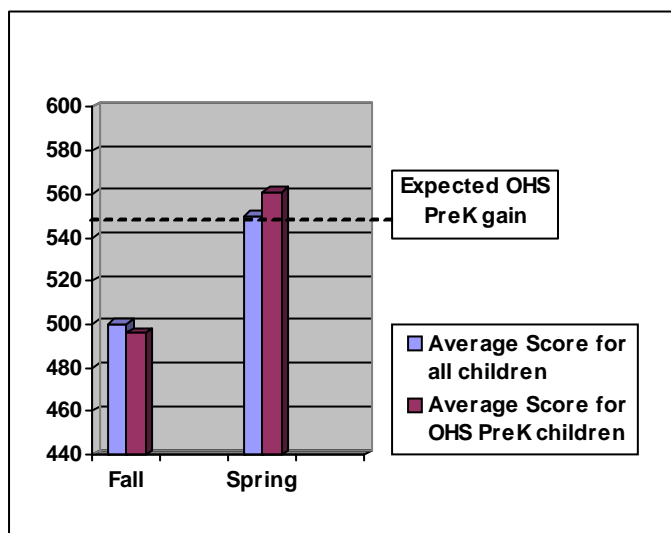
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Language and Literacy of 486 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Language and Literacy of 554 in the spring.
- **Oregon Head Start PreK children made a gain of 68 points – 18 points more than the expected gain of 50 points.**
- The **average scores** for OHS PreK children in Language and Literacy increased **from the 41st percentile in the fall to the 81st percentile in the spring.**



Early Math Developmental Level Results

The Galileo Early Math Scale assesses a variety of number and operations areas, including counting, addition, subtraction, fractions and math communications. Also assessed are geometry and spatial sense, which include sorting, seriation, concepts and shapes. Patterns, measurement, time concepts and graphing round-out the knowledge areas.

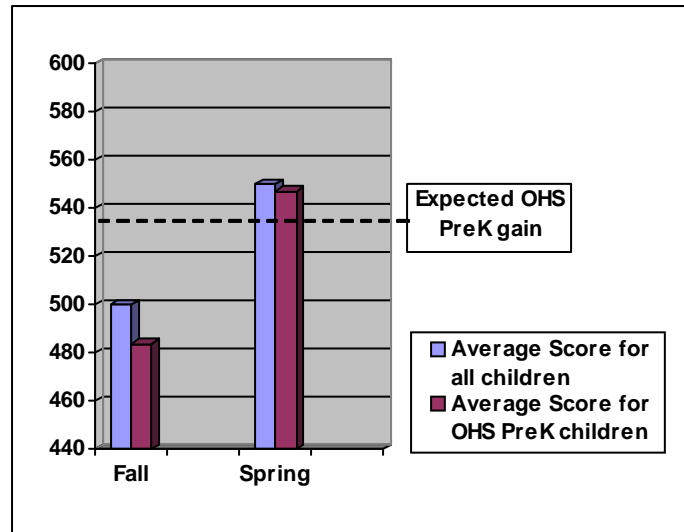
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Early Math of 496 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Early Math of 561 in the spring.
- **Oregon Head Start PreK children made a gain of 65 points – 15 points more than the expected gain of 50 points.**
- The **average scores** for OHS PreK children in Early Math increased **from the 49th percentile in the fall to the 86th percentile in the spring.**



Social and Emotional Developmental Level Results

The Galileo Social Emotional Scale assesses knowledge of self, knowledge of family and community, understanding diversity, cooperation, resolving conflicts, self-control, independence in daily activities, and initiating and maintaining social relationships.

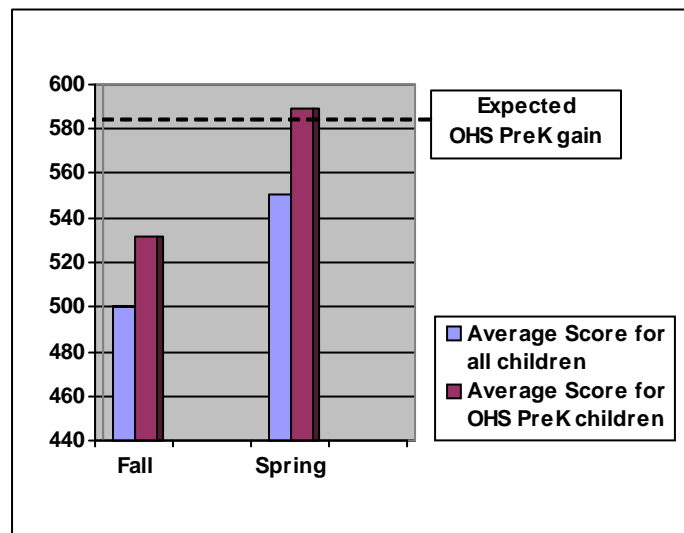
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Social and Emotional Development of 484 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Social and Emotional Development of 547 in the spring.
- **Oregon Head Start PreK children made a gain of 63 points –13 points more than the expected gain of 50 points.**
- The **average scores** for OHS PreK children in Social and Emotional **increased from the 39th percentile in the fall to the 78th percentile in the spring.**



Approaches To Learning Developmental Level Results

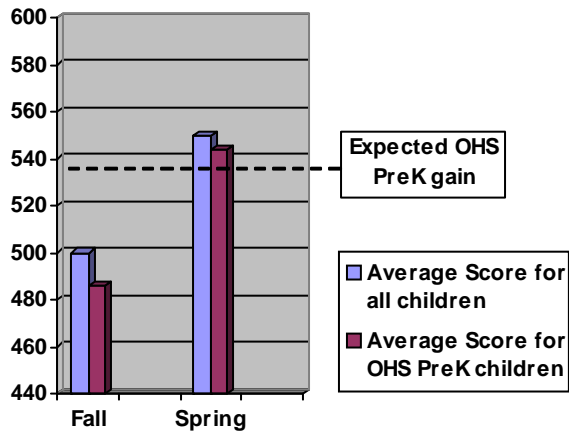
The Galileo Approaches to Learning Scale assesses how a child approaches gathering information, organizing stimuli, and solving problems. This scale includes thirty different indicators measuring aspects of initiative, curiosity, engagement, persistence, goal setting, planning, and problem-solving.

- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Approaches to Learning of 532 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Approaches to Learning of 589 in the spring.
- **Oregon Head Start PreK children made a gain of 57 points – 7 points more than the expected gain of 50 points.**
- The **average scores** for OHS PreK children in Approaches to Learning **increased from the 77th percentile in the fall to the 96th percentile in the spring.**



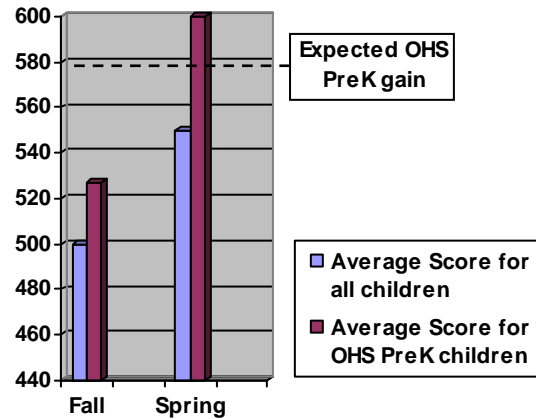
Nature and Science

- Fall/Spring gain of 58 points – 8 points more than the expected gain of 50 points. The **average scores** for OHS PreK children in Nature and Science **increased from the 42th percentile in the fall to the 77st percentile in the spring.**



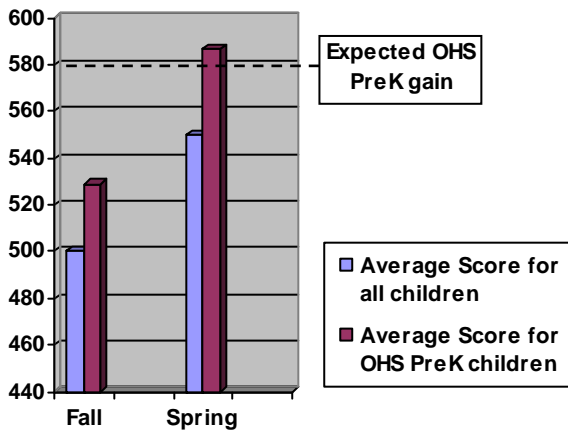
Creative Arts

Fall/Spring gain of 73 points – 23 points more than the expected gain of 50 points. The **average scores** for OHS PreK children in Creative Arts **increased from the 72nd percentile in the fall to the 97th percentile in the spring.**



Fine and Gross Motor

Fall/Spring gain of 58 points – 8 points more than the expected gain of 50 points. The **average scores** for OHS PreK children in Fine and Gross Motor **increased from the 75th percentile in the fall to the 95th percentile in the spring.**



Physical Health

Fall/Spring gain of 56 points – 6 points more than the expected gain of 50 points. The **average scores** for OHS PreK children in Physical Health **increased from the 50th percentile in the fall to the 85th percentile in the spring.**

