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## 2005-2006 Portrait of Child Outcomes for Oregon Head Start Prekindergarten

### Head Start PreK Programs Using the Galileo Preschool Online Assessment Scales

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

The Galileo 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.

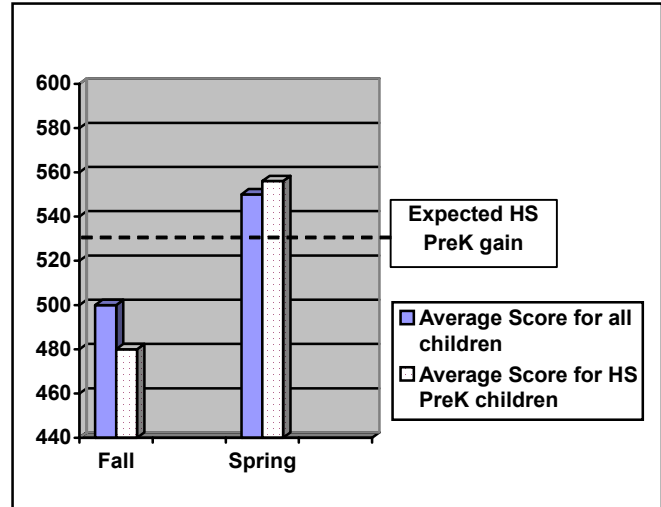
One of the scores generated by Galileo for use in documenting outcomes is the Developmental Level Score. Changes in Development Level Scores are generally used by early childhood programs and research committees to indicate growth after one program year of intervention. In the fall of each year, a typical four year old can be expected to demonstrate a Developmental Level Score of about 500 on each Galileo Scale. By Spring, it is expected that children would increase their score by 50 points, to a level of 550. On the average, Head Start children, including those participating in Oregon programs, tend to start below 500 on their initial score but make excellent strides during the year.

The results and graphs on the following pages depict growth by a group of children enrolled in Oregon Head Start PreK program, as measured by the Galileo Assessment Scales. Scores were obtained for 783 children in five programs that use the Galileo Assessment. These five programs represent rural and urban areas, and multi-ethnic diversity, from across the state. Programs are located in the following counties: Multnomah (Albina Head Start), Lane (Head Start of Lane County), Harney (Harney ESD), Lincoln (Community Services Consortium) and Douglas (Umpqua Community Action Network).

## 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.

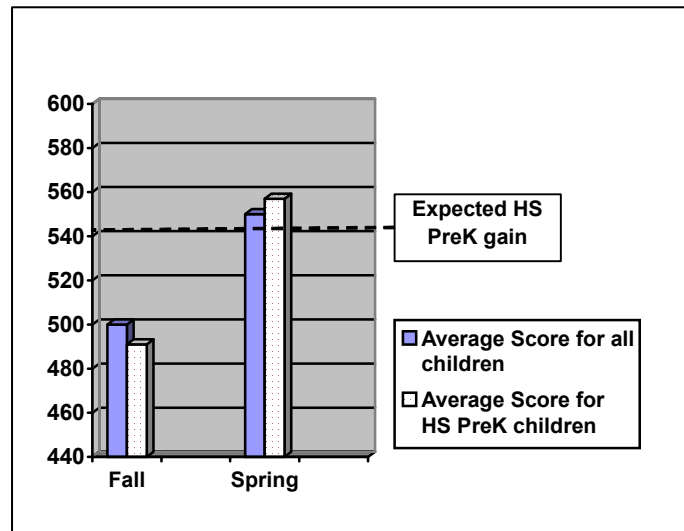
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Language and Literacy of 480 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Language and Literacy of 556 in the spring.
- **Oregon Head Start PreK children made a gain of 76 points – 26 points more than the expected gain of 50 points.**



## 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.

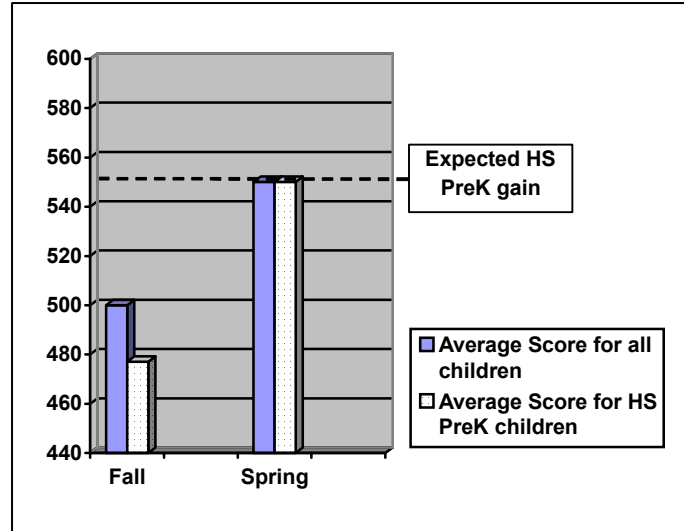
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Early Math of 491 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Early Math of 557 in the spring.
- **Oregon Head Start PreK children made a gain of 66 points – 16 points more than the expected gain of 50 points.**



## 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.

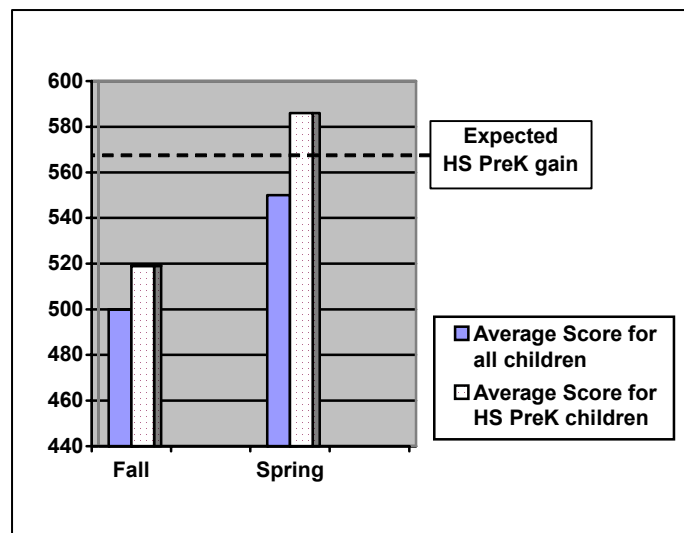
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Social and Emotional Development of 477 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Language and Literacy of 550 in the spring.
- **Oregon Head Start PreK children made a gain of 73 points – 23 points more than the expected gain of 50 points.**



## Approaches To Learning Developmental Level Results

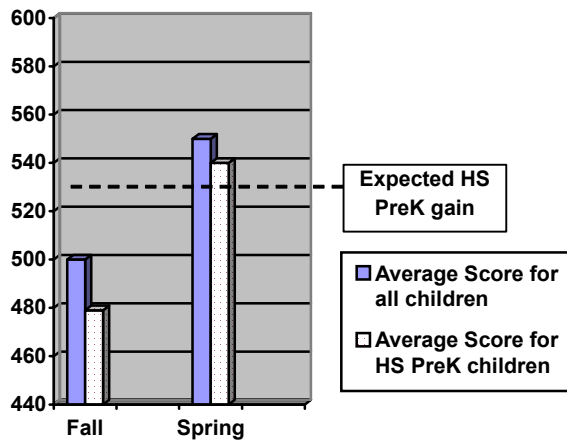
The Galileo Approaches to Learning Scale assesses how a child approaches gathering information, organizing stimuli, and solving problems. This scale includes thirty different indicators measuring aspects of initiative, curiosity, engagement, persistence, goal setting, planning, and problem-solving.

- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Approaches to Learning of 519 in the fall.
- Children in participating Oregon Head Start PreK programs had an Average Developmental Level Score in Approaches to Learning of 586 in the spring.
- **Oregon Head Start PreK children made a gain of 67 points – 17 points more than the expected gain of 50 points.**



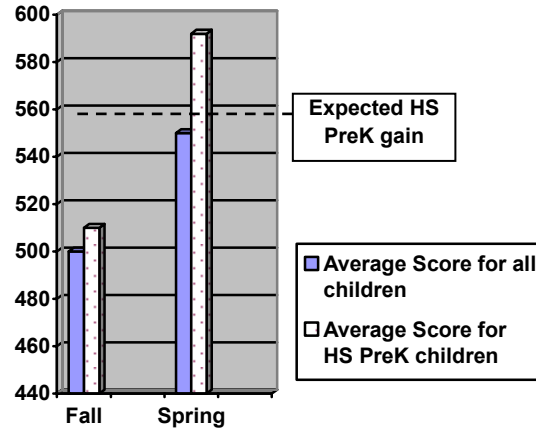
### Nature and Science

Actual gain of 61 – 11 points more than the expected gain of 50 points.



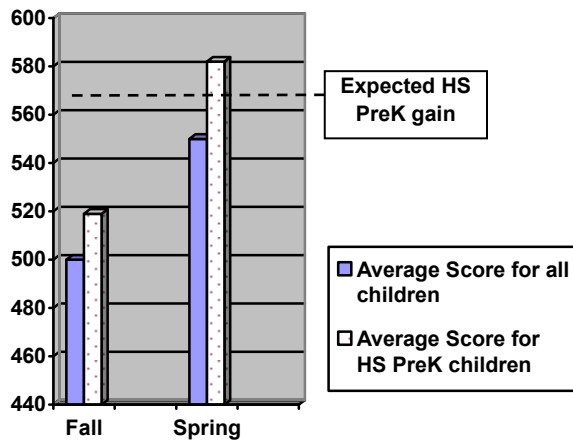
### Creative Arts

Actual gain of 82 – 32 points more than the expected gain of 50 points.



### Fine and Gross Motor

Actual gain of 63 – 13 points more than the expected gain of 50 points.



### Physical Health

Actual gain of 64 – 14 points more than the expected gain of 50 points.

