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# Wyckoff School District

Analysis of NJ ASK Science Scores  
Spring 2016

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Presented by Grace White, *Supervisor of Curriculum and Instruction*

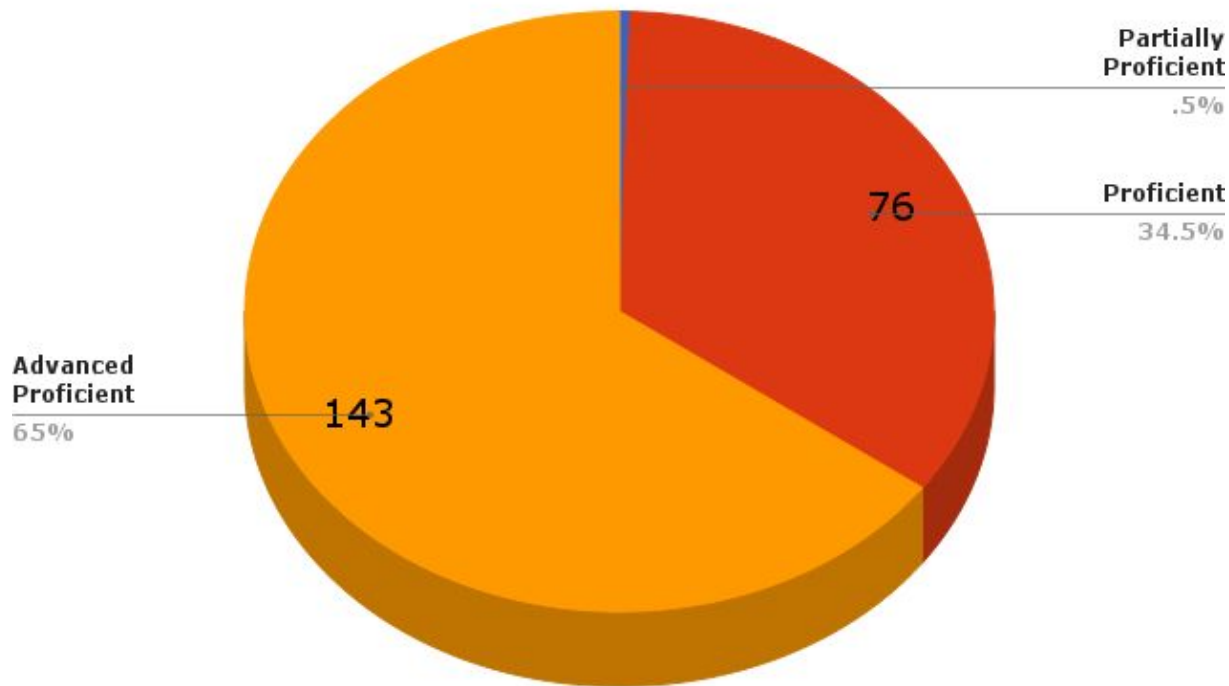
# Grade 4 - NJ ASK Science Results

Total: 220 Scores

- Advanced Proficient: 143
- Proficient: 76
- Partially Proficient: 1

Percentages:

- Advanced Proficient: 65%
- Proficient: 34.5%
- Partially Proficient: .5%



Grade 4 - 2016

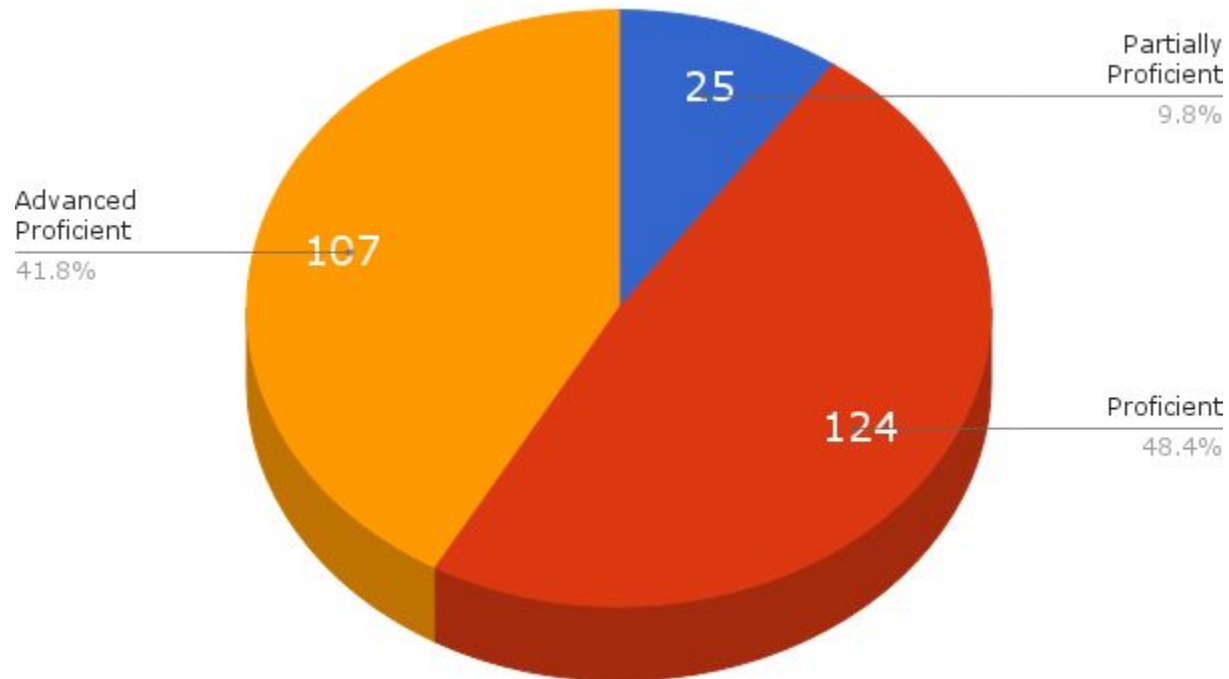
# Grade 8 - NJ ASK Science Results

Total: 256 scores

- Advanced Proficient: 107
- Proficient: 124
- Partially Proficient: 25

Percentages:

- Advanced Proficient: 41.8%
- Proficient: 48.4%
- Partially Proficient: 9.8%



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# Grades 4 and 8

— District and DFG Comparisons —

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# NJ ASK Science Domains

*The Science test measures fourth and eighth grade students' ability to recall information and to solve problems by applying science concepts. The Science test assesses knowledge and application skills in three clusters; each cluster contains multiple-choice items and constructed response items.*

**Life Science**: Matter, Energy, and Organization in Living Systems Diversity and Biological Evolution Reproduction and Heredity Natural Systems and Interactions Human Interactions and Impact

**Physical Science**: Structure and Properties of Matter Chemical Reactions Motion and Forces Energy Transformations

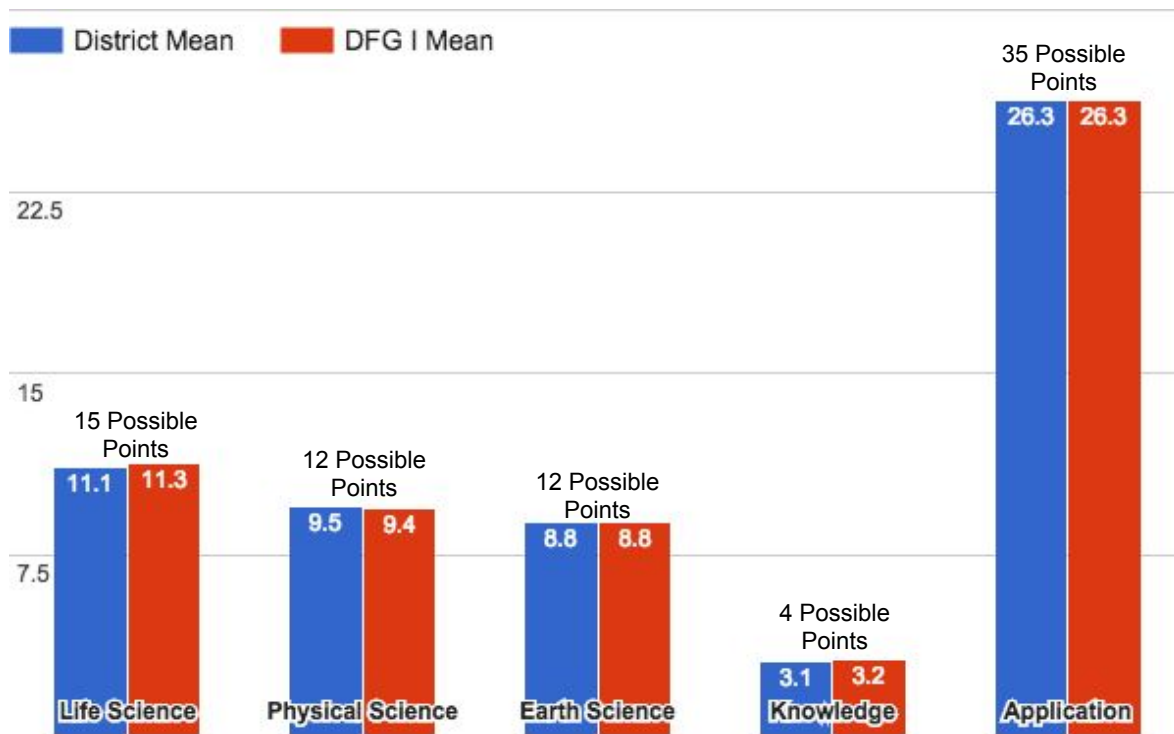
**Earth Science**: Earth's Properties and Materials Atmosphere and Weather Processes that Shape the Earth How We Study the Earth Earth, Moon, Sun System Solar System Stars Galaxies and Universe

Science items are also classified and reported as either of the following: **Knowledge** (Comprehension and Science, Society/Technology), or **Application** (Habits of Mind/Inquiry and Mathematics).

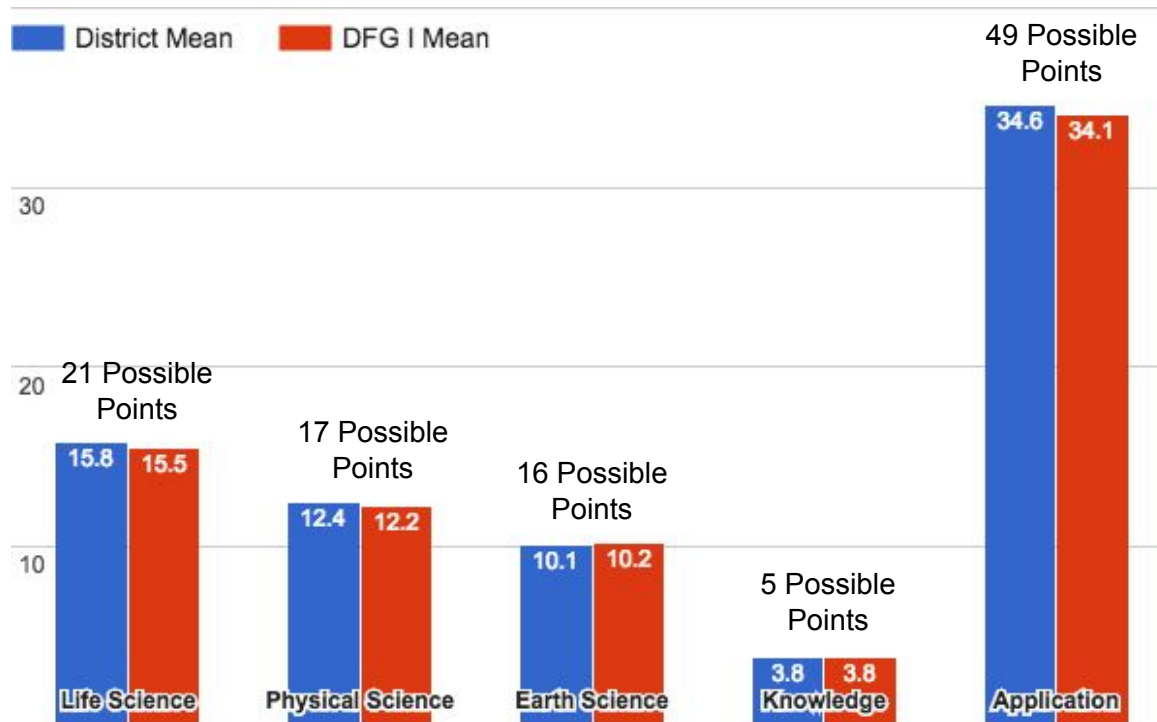
# What is a DFG?

- DFG's were created by the NJDOE in 1975 for the purpose of comparing student performance on statewide assessments across demographically similar school districts.
- Wyckoff is an I district, in a DFG ranking that begins at A, the lowest ranking, and increases to the highest DFG ranking of J.

# Grade 4 - District and DFG Comparison



# Grade 8 - District and DFG Comparison





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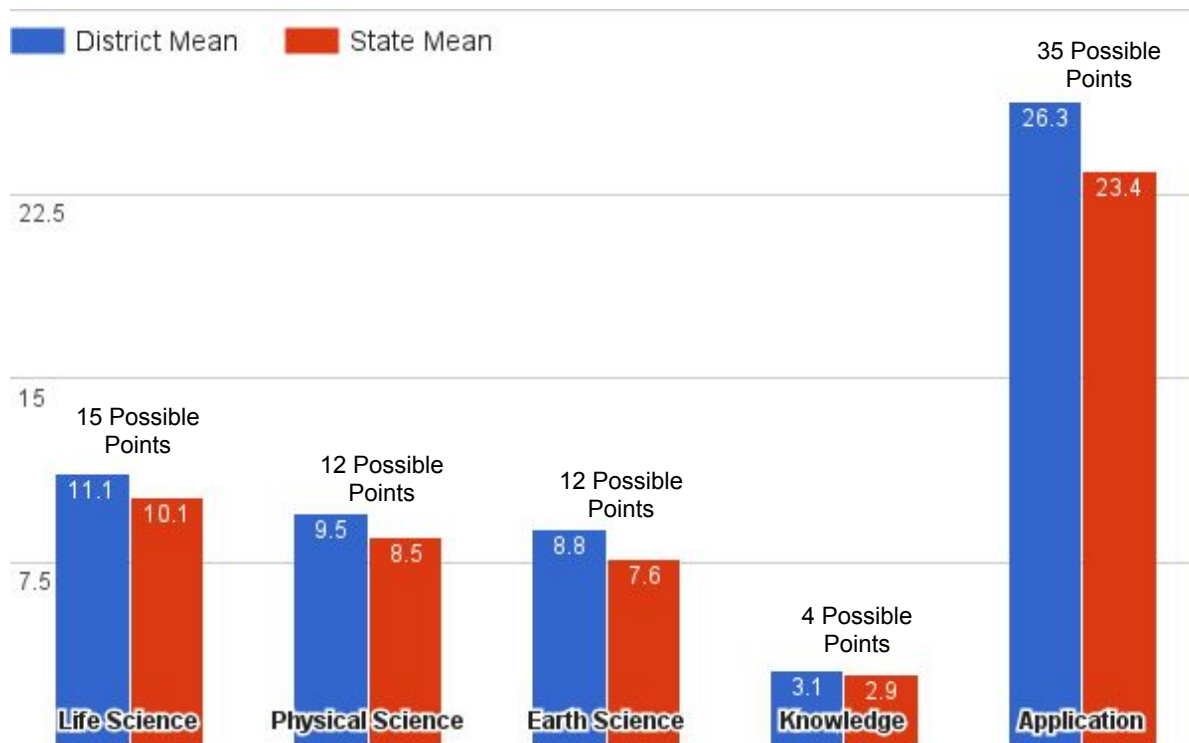
# Grades 4 and 8

— District and State Comparisons —

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# Grade 4 - District and State Comparisons



# Grade 8 - District and State Comparisons

