



INTERNATIONAL STUDY CENTER



TIMSS

BENCHMARKING

• 1999 •

BOSTON COLLEGE
Lynch School of Education

Participating States

Connecticut

Idaho

Illinois

Indiana

Maryland

Massachusetts

Michigan

Missouri

North Carolina

Oregon

Pennsylvania

South Carolina

Texas



Participating Districts and Consortia

Academy School District #20, Colorado
Springs, CO

Chicago Public Schools, IL

Delaware Science Coalition, DE

First in the World Consortium, IL

Fremont/Lincoln/Westside
Public Schools, NE

Guilford County, NC

Jersey City Public Schools, NJ

Miami-Dade County Public Schools, FL

Michigan Invitational Group, MI

Montgomery County, MD

Naperville Community Unit School
District #203, IL

Project SMART Consortium, OH

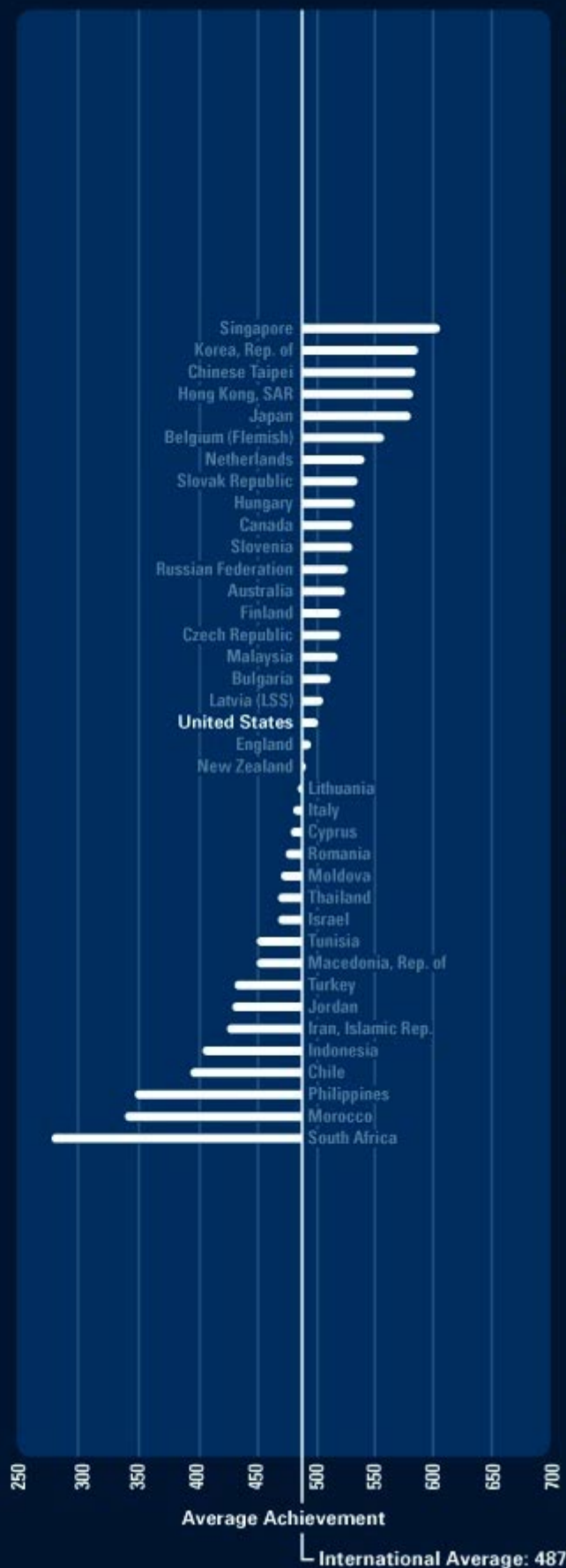
Rochester City School District, NY

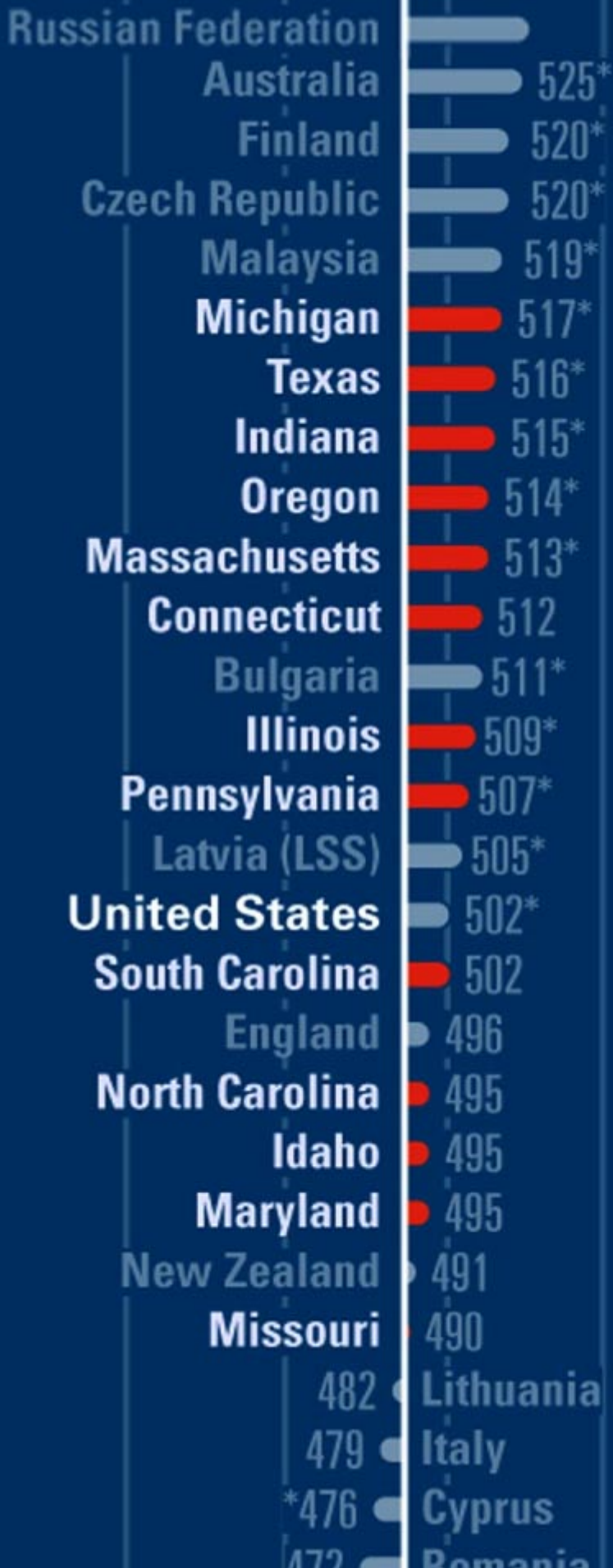
Southwest Pennsylvania Math and
Science Collaborative, PA



Mathematics Achievement

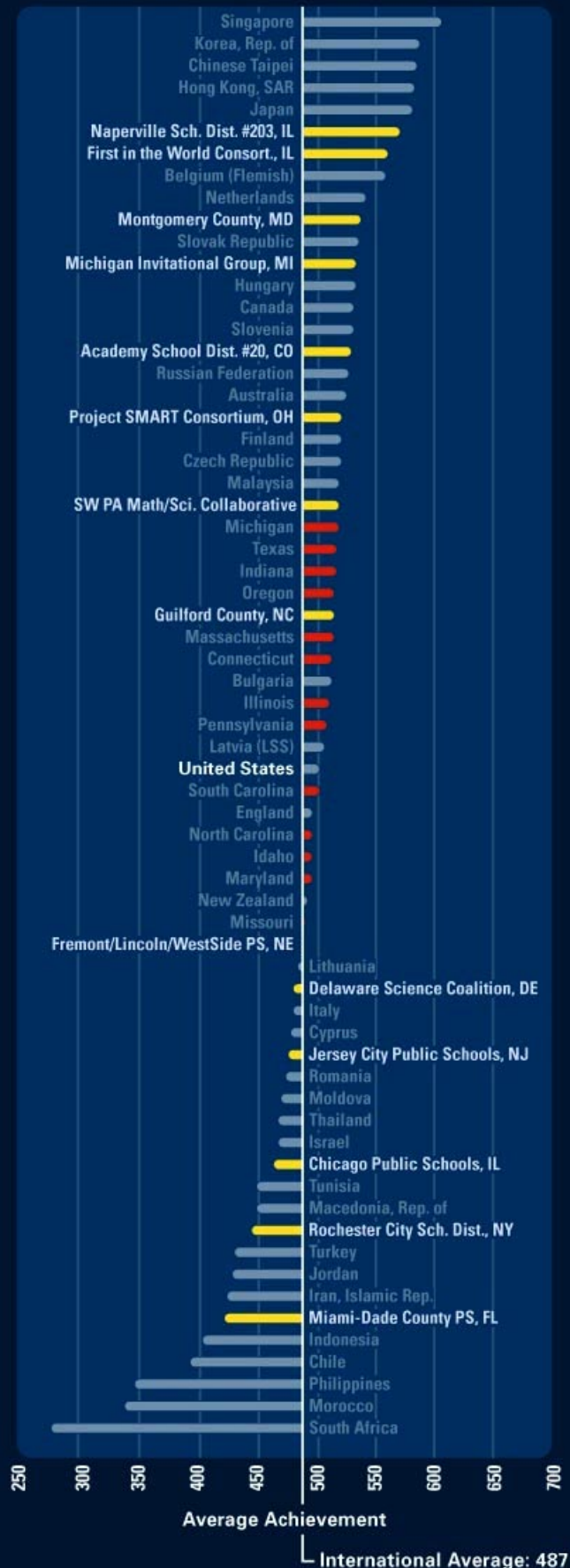
- Countries
- States
- Districts and Consortia





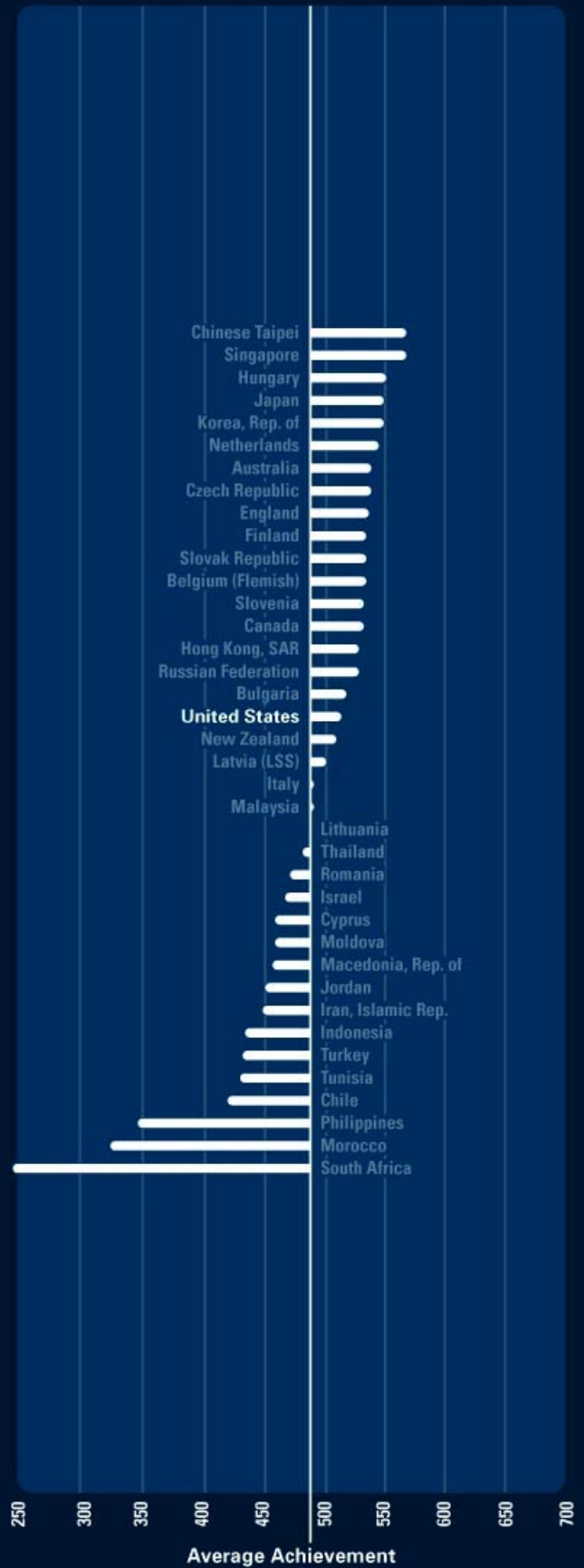
Mathematics Achievement

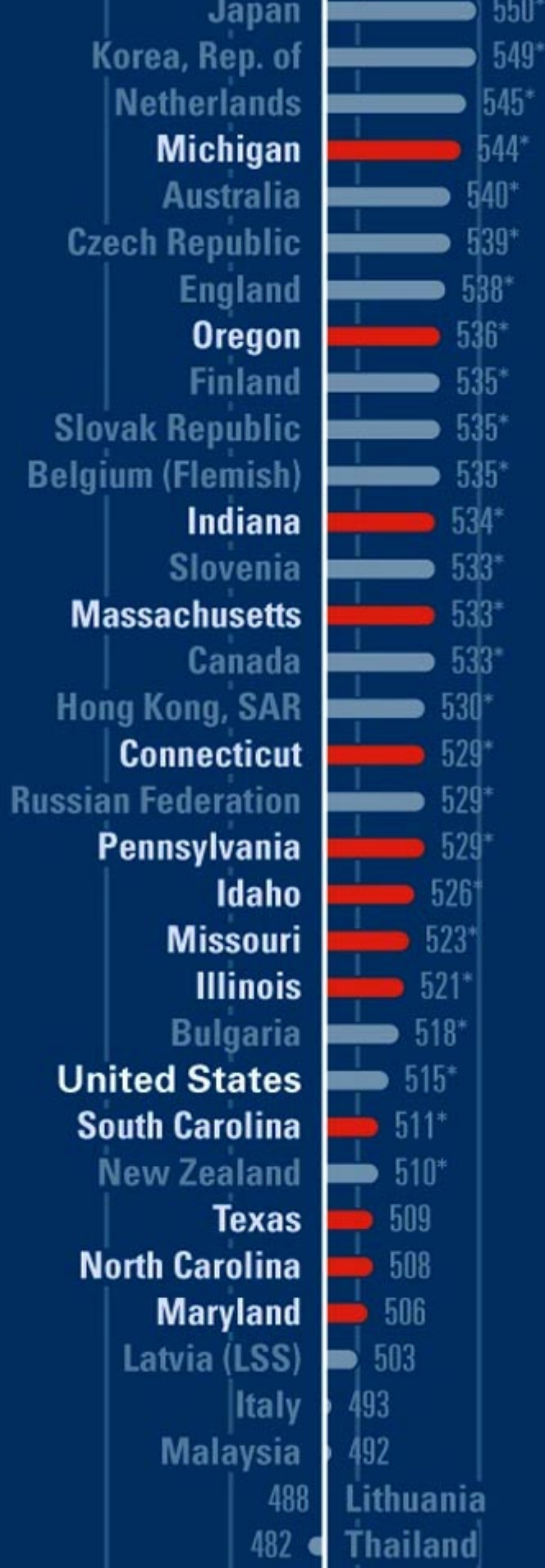
- Countries
- States
- Districts and Consortia



Science Achievement

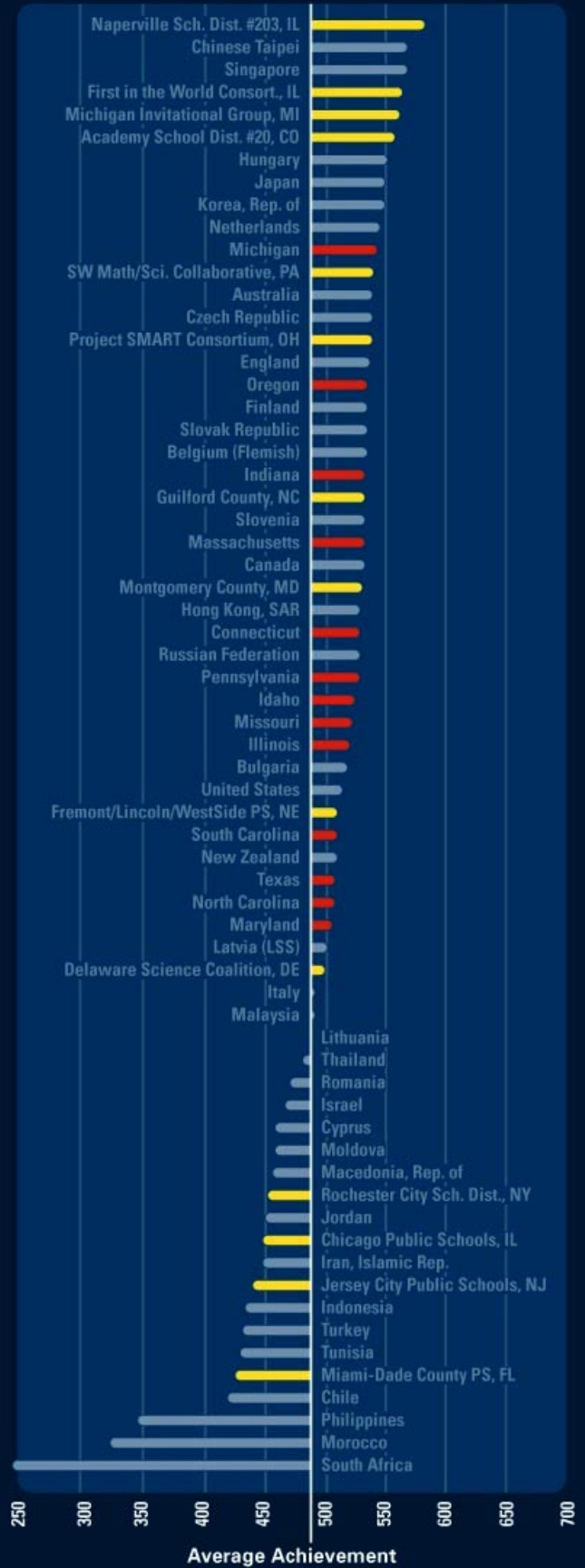
■ Countries





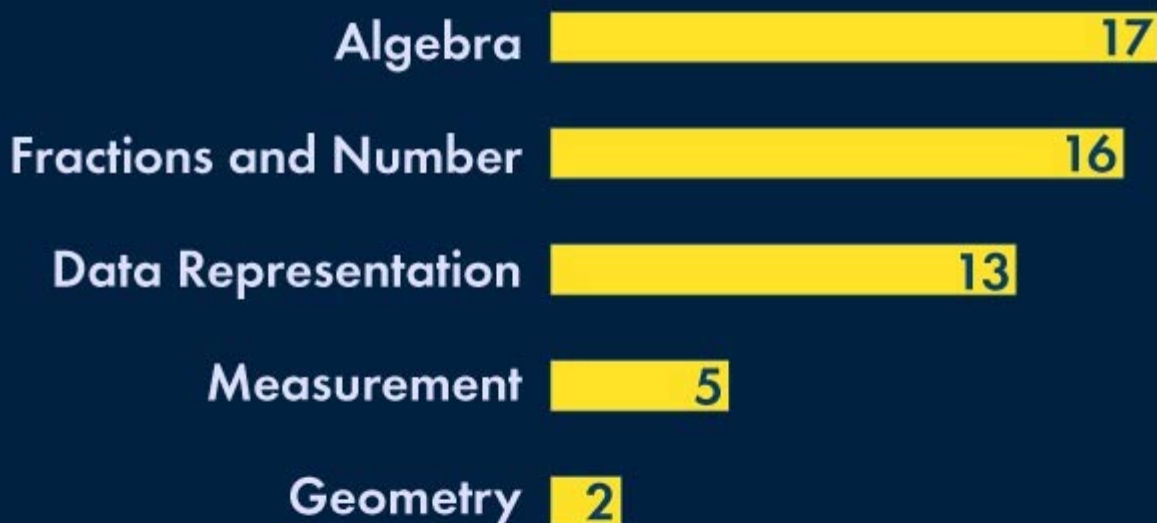
Science Achievement

- Countries
- States
- Districts and Consortia



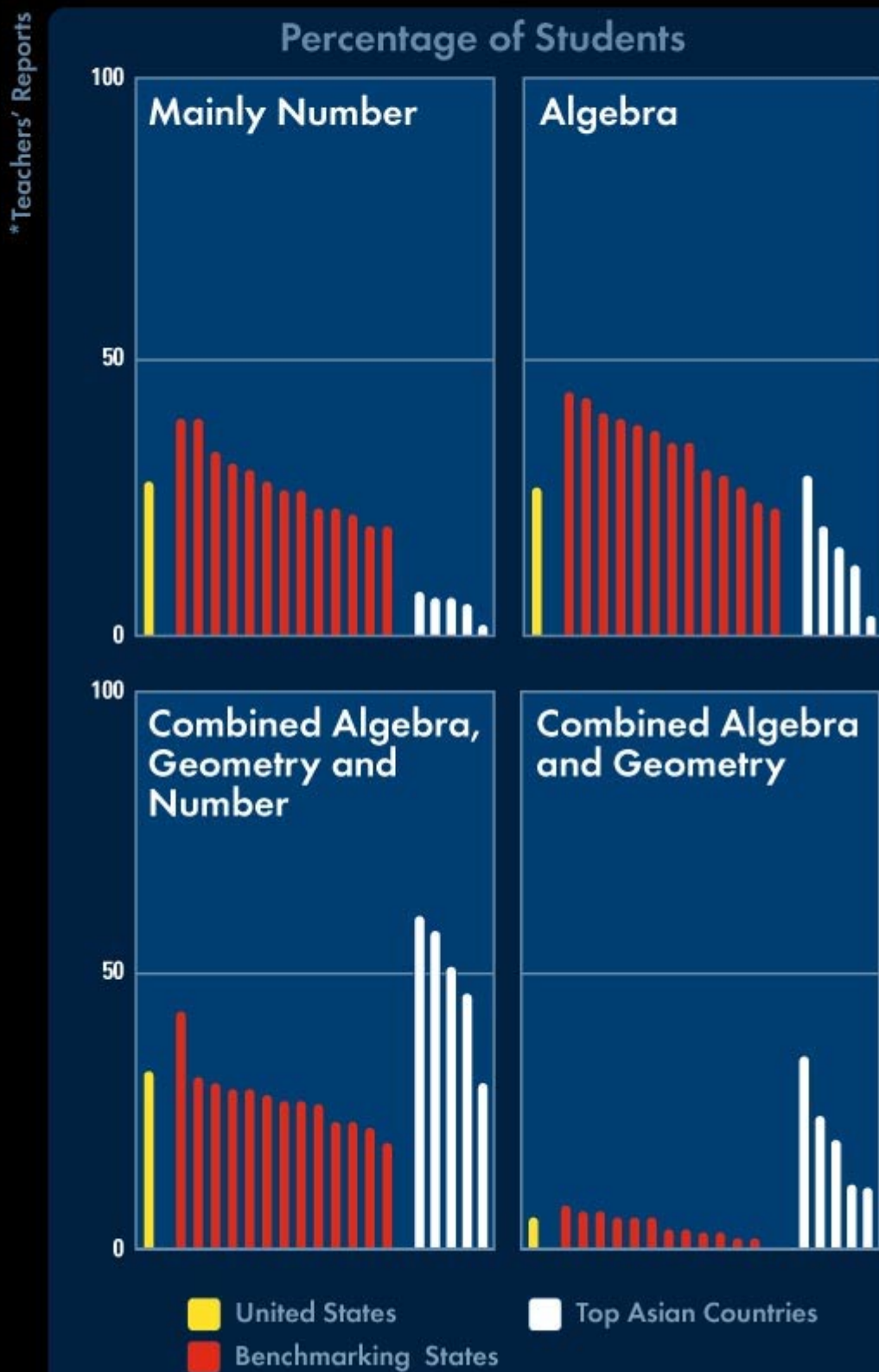
Mathematics Content Areas

Number of Benchmarking Participants Performing Above the International Average



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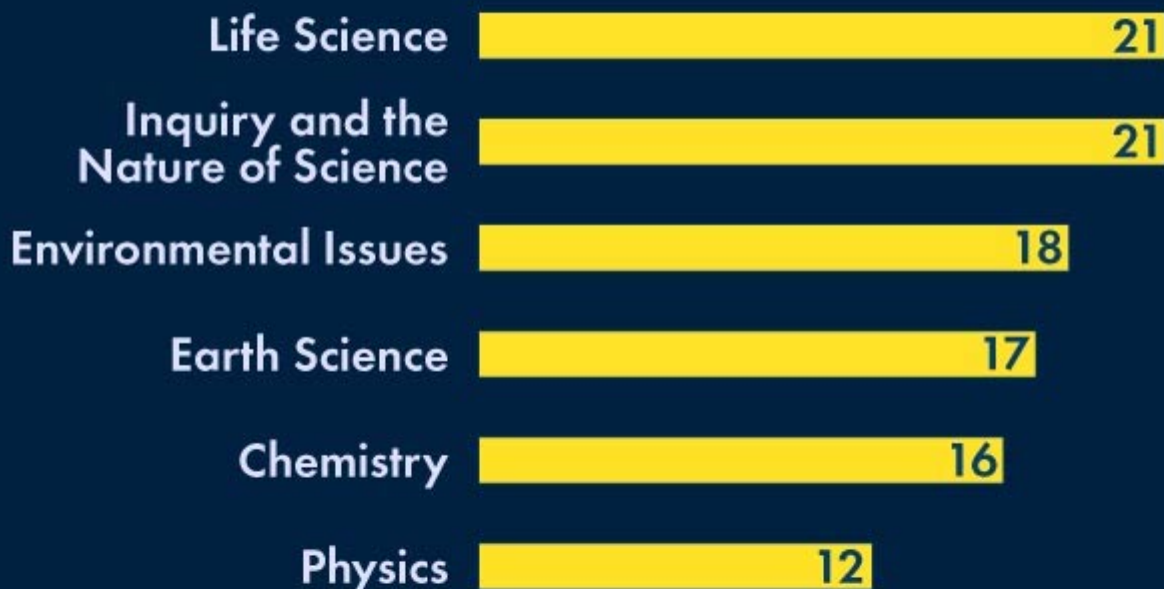
Content Areas Emphasized in Eighth-Grade in Mathematics Classes*



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Science Content Areas

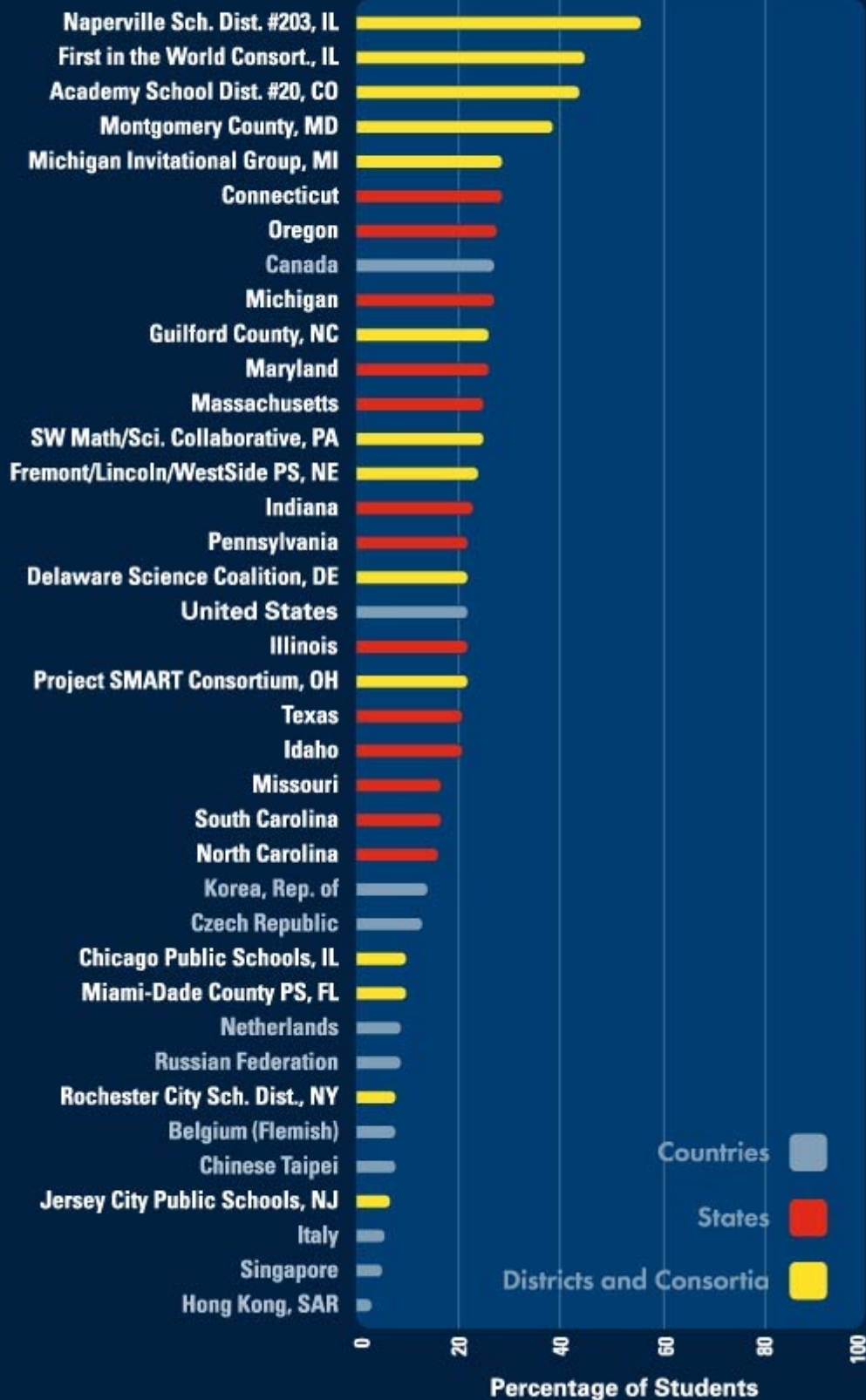
Number of Benchmarking Participants Performing Above the International Average



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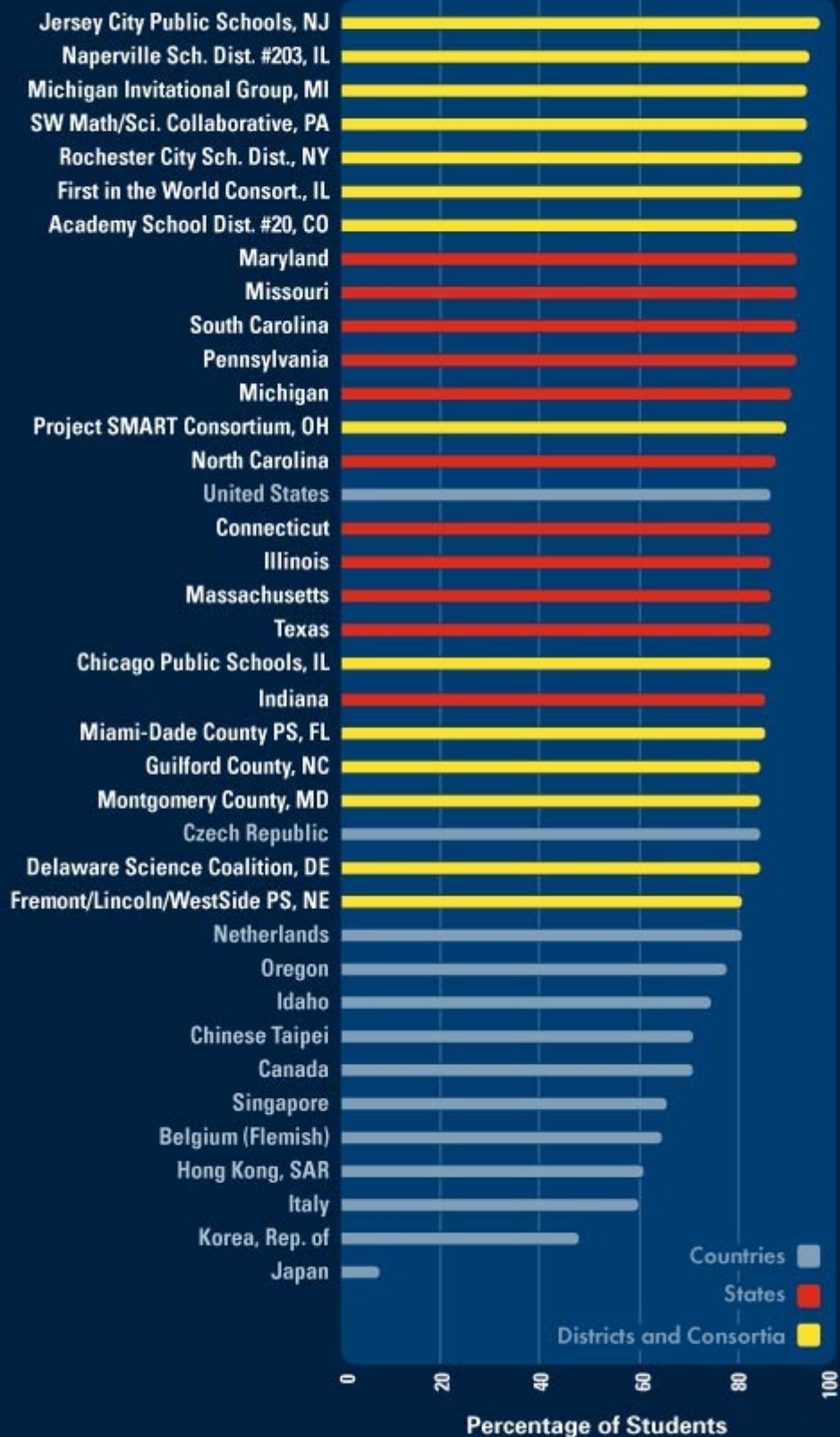
High Level of Home Educational Resources

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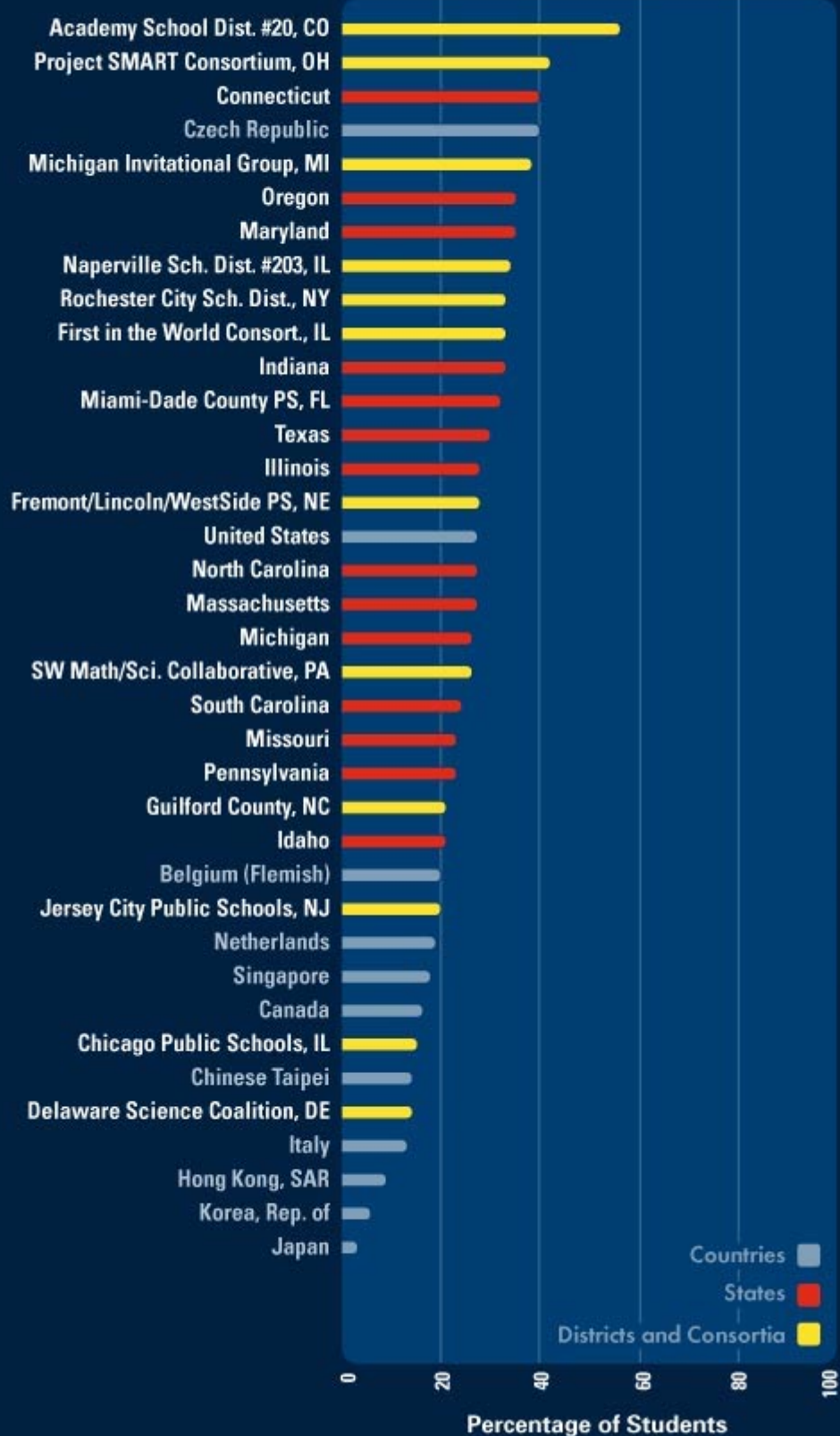
High Level of Teachers' Confidence in Preparation to Teach Mathematics

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High Level of Teachers' Confidence in Preparation to Teach Science

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Yearly Hours of Instructional Time

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Mathematics



Number of Hours

Science



Number of Hours

No Outside Interruptions During Class

Mathematics



Percentage of Students

Science



Percentage of Students

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Frequency Beginning Homework in Mathematics Class

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