REACHING NEW HEIGHTS

UNDERSTANDING MATH™

Fall Semester 2007

School Data

Neufeld Learning Systems Inc.

General Data Description

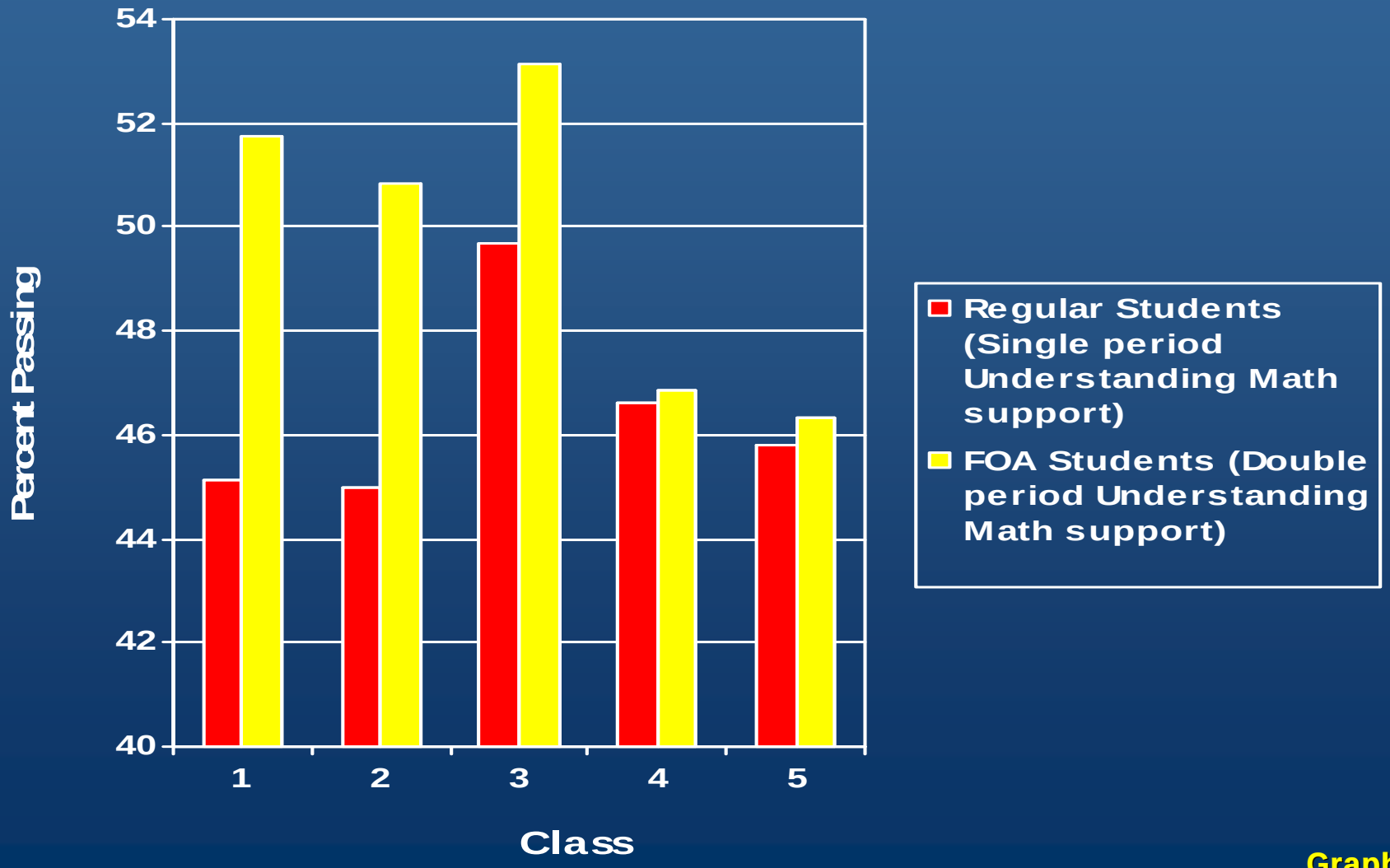
- Each school represented in this data has implemented Understanding Math™ in *two* ways;
  1. Regular daily implementation, Schools A & B
  2. Infrequent implementation, Schools C & D
- Implementation strategies include both whole class and small group lessons utilizing both “on” and “off” (support sheets, manipulatives, textbooks, etc) computer activities
- All teachers involved received software training from Neufeld Learning Systems Inc.
- Correlations between Understanding Math software and adopted textbook were available to all teachers

Graph 1

Cedar Hills ISD
High School

- Data collected from fall semester 2007
- All students were engaged *regularly* in “on” and “off” computer activities using Understanding Math Plus™.
- FOA (Fundamentals of Algebra) Students who were not successful in passing the 2007 TAKS Test were double blocked for Mathematics. These students were also in a computer lab setting using Understanding Math Plus™ - 2 or more students per one computer
- Five Algebra I Classes are reflected in the graph.

Benchmark Assessments Results
Algebra I – Students
Passing with 70% or Higher



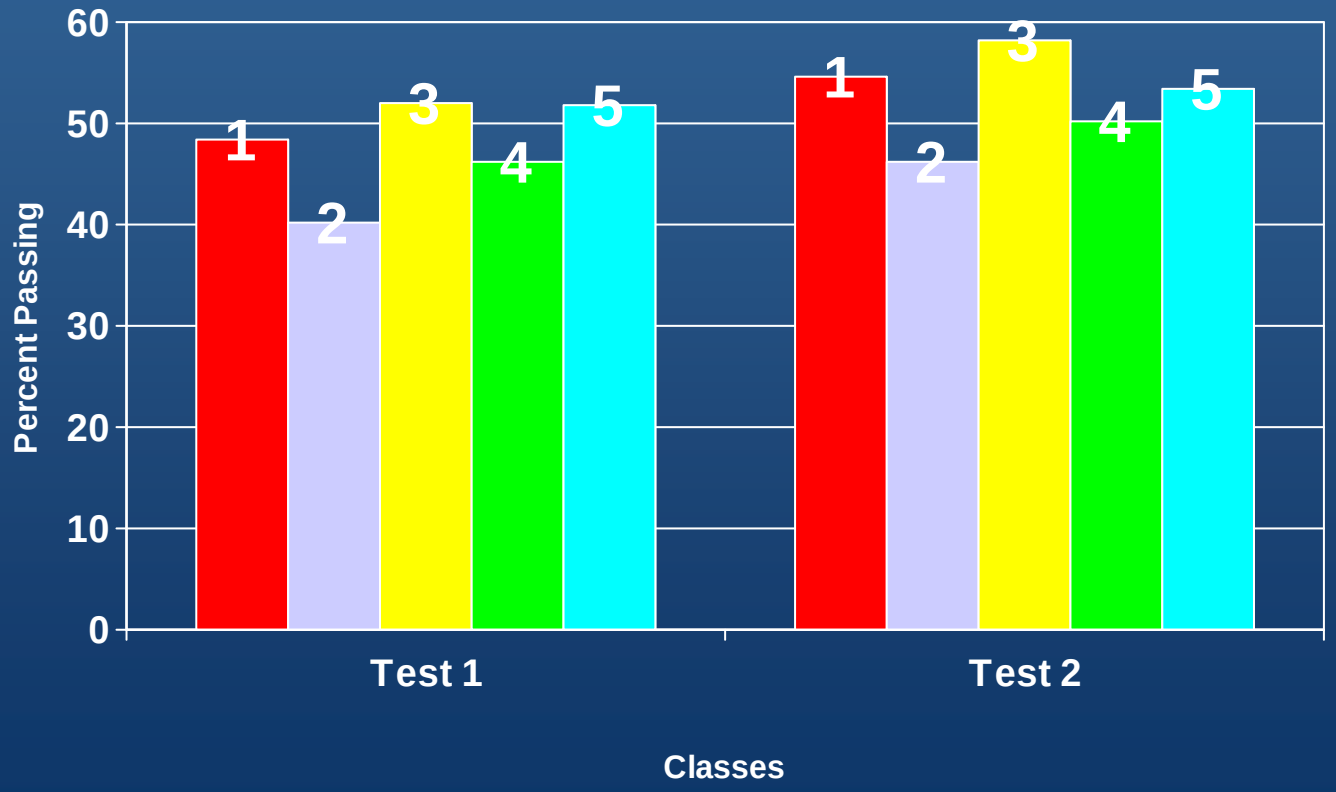
Graph 1

Graph 2

Cedar Hills ISD
High School

- **Five** different classes are compared
- **Assessment 1** covers the first six weeks objectives.
- **Assessment 2** covers the second six weeks objectives plus the objectives covered during the first six weeks.

Overall Benchmark Assessment Results
Algebra 1-Students*
Passing with 70% or Higher



*All students were engaged *regularly* in “on” and “off” computer activities using Understanding Math Plus™.

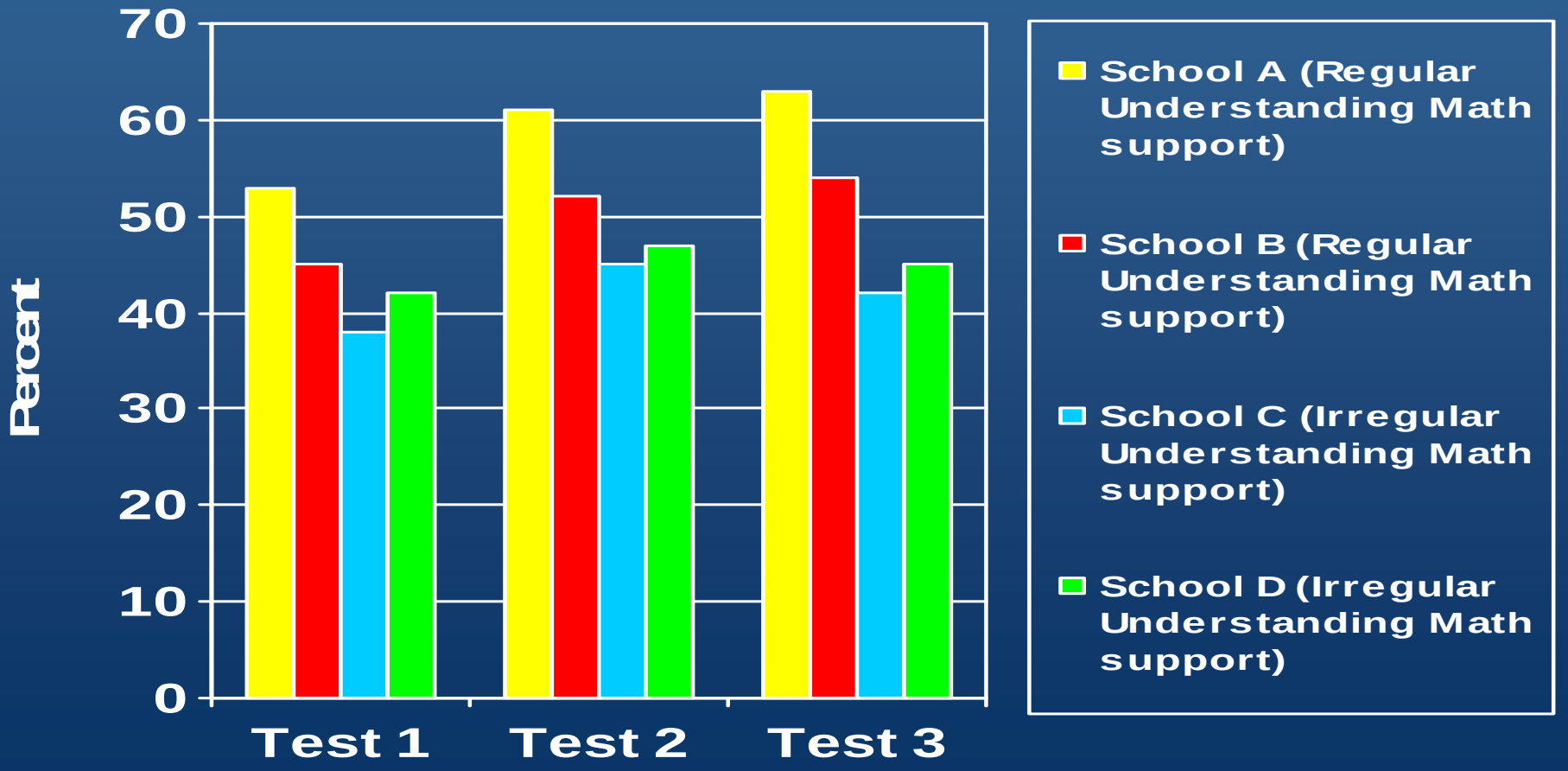
Graph 2

Graph 3

Houston Area High Schools

- **Schools A and B** *regularly* engage students in “on” and “off” computer activities using Understanding Math Plus.
- **Schools C and D** *DO NOT regularly* engage students in “on” and “off” computer activities using Understanding Math Plus

Overall Benchmark Assessment Results
Algebra I – Students Passing with 70% or Higher



Graph 3

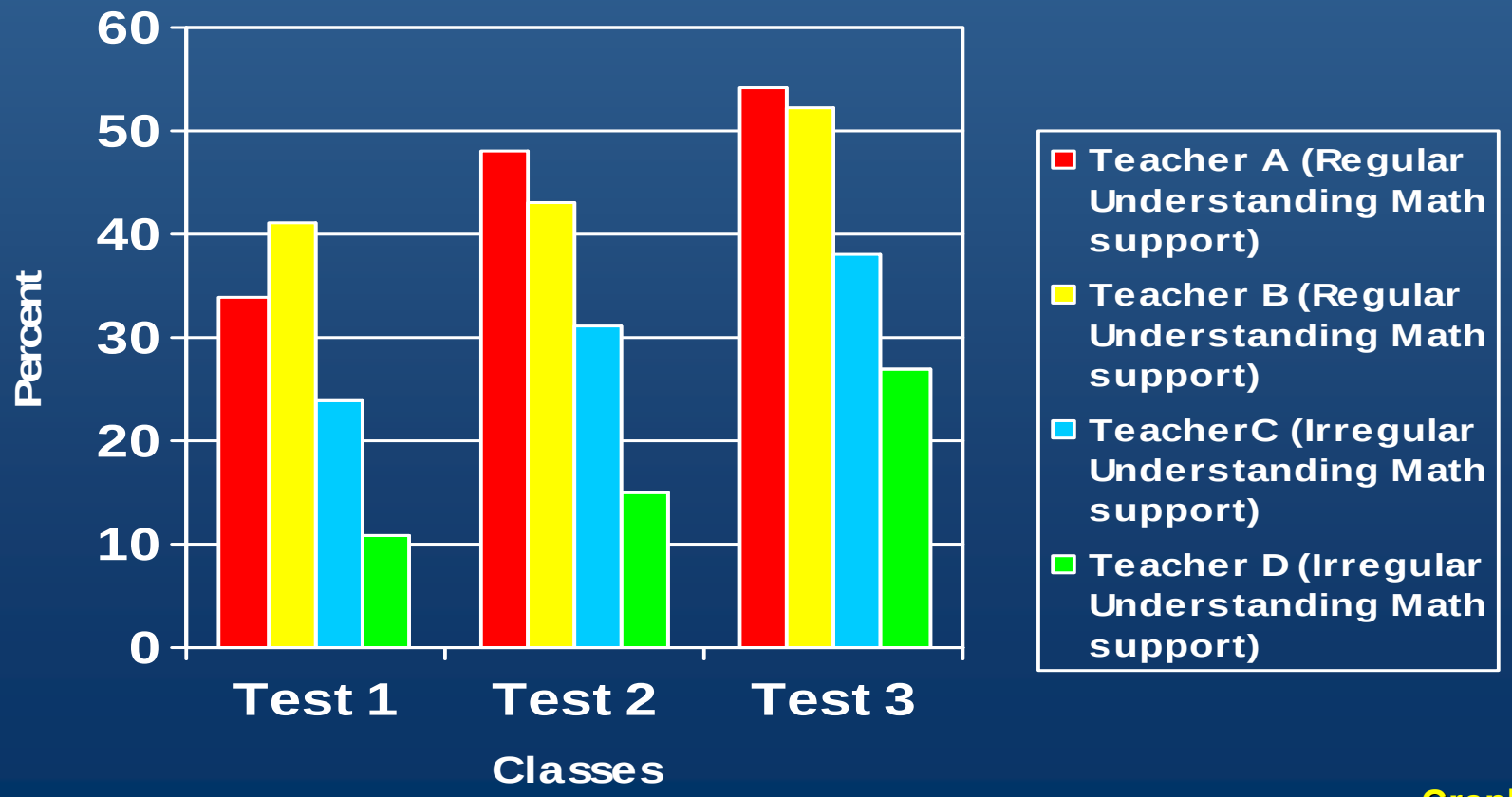
Graphs 4 - 9

Houston Area Middle Schools

- Data collected from grade 8, 7, and 6 classes in two different middle schools
- **Classes A and B** *regularly* engage students in “on” and “off” computer activities using Understanding Math Plus™
- **Classes C and D** *DO NOT regularly* engage students in “on” and “off” computer activities using Understanding Math Plus™

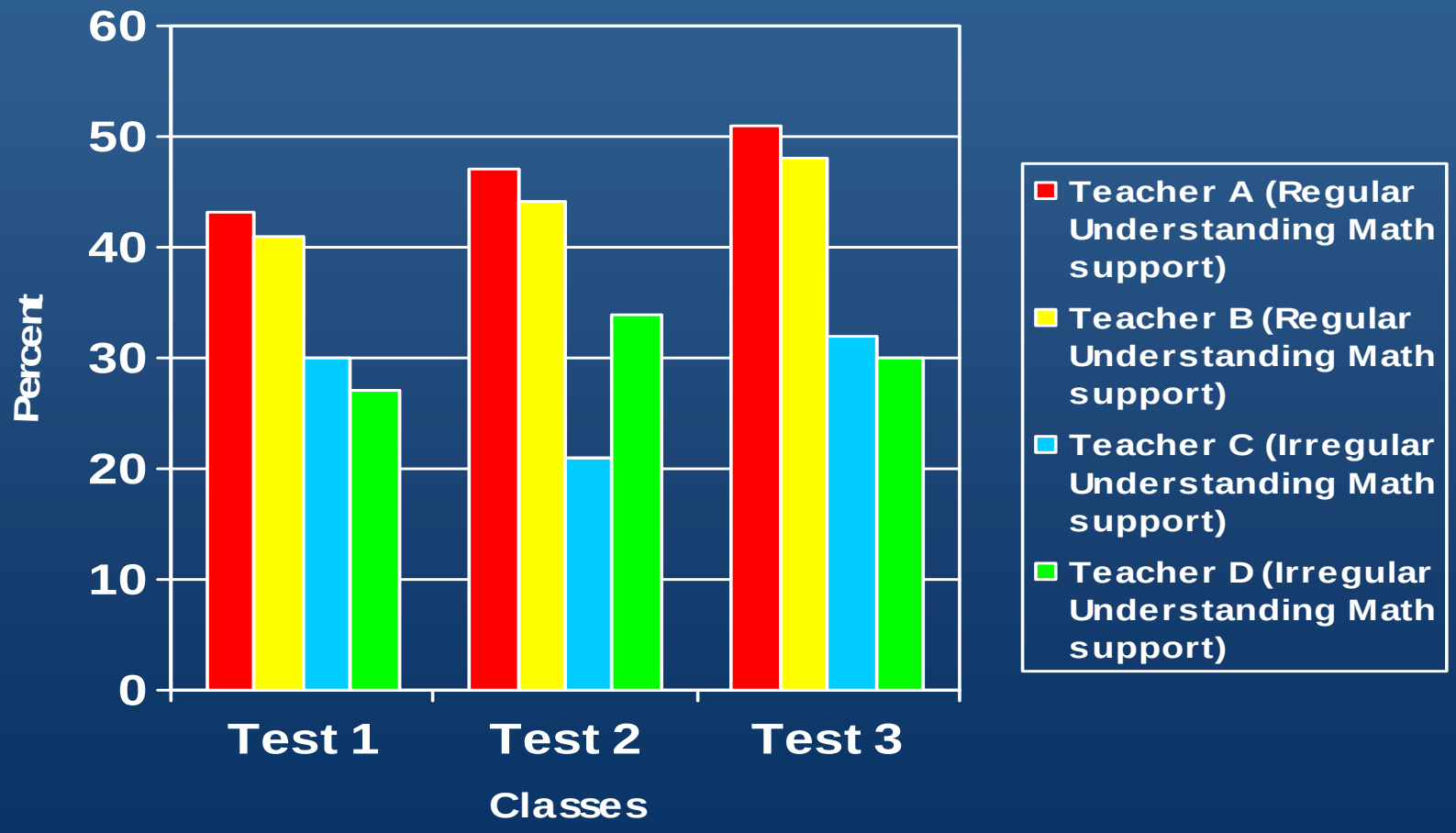
Overall Benchmark Assessments Results

Middle School 1 Grade 8 Students Passing with 70% or Higher



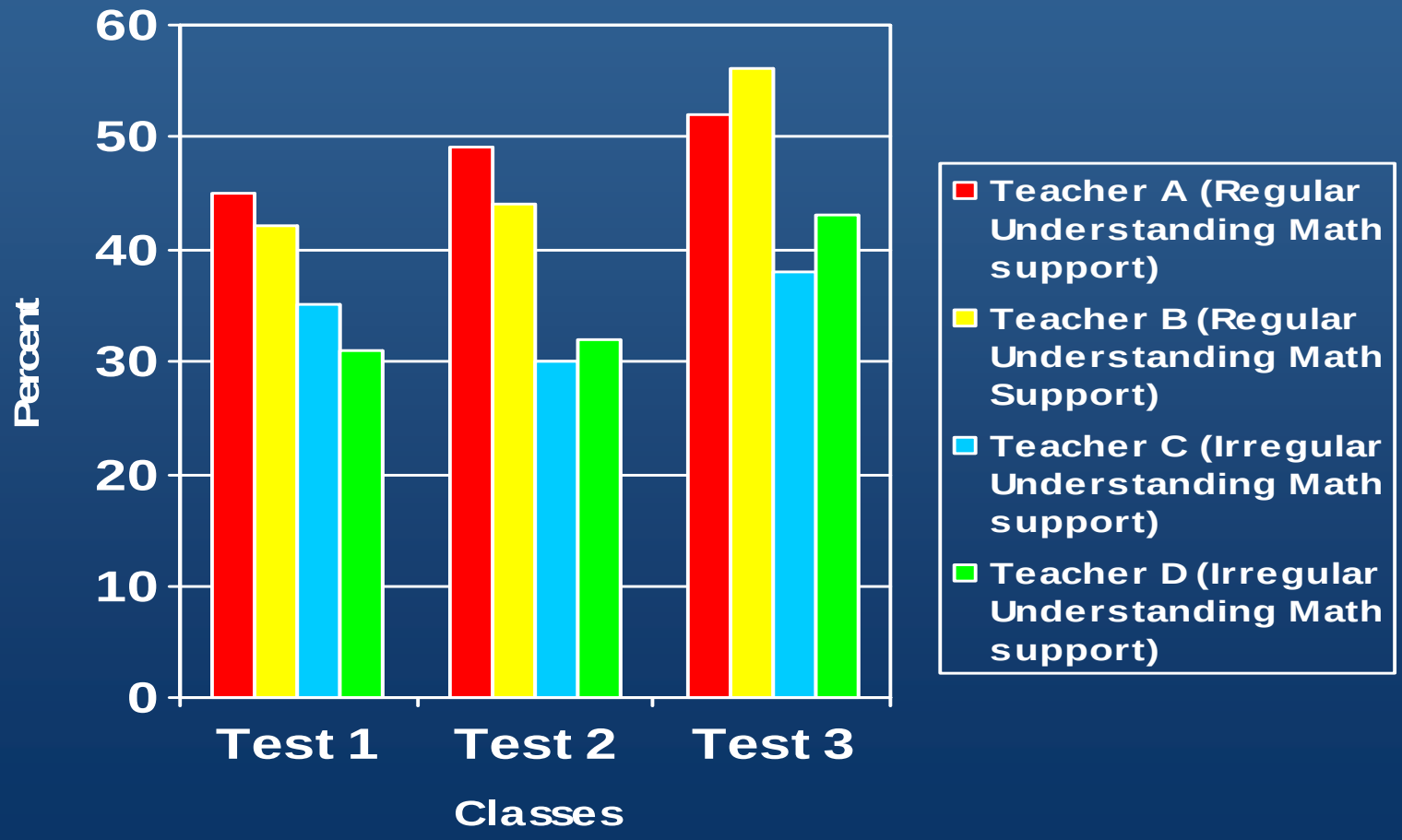
Graph 4

Overall Benchmark Assessment Results
Middle School 2 Grade 8 Students
Passing with 70% or Higher



Graph 5

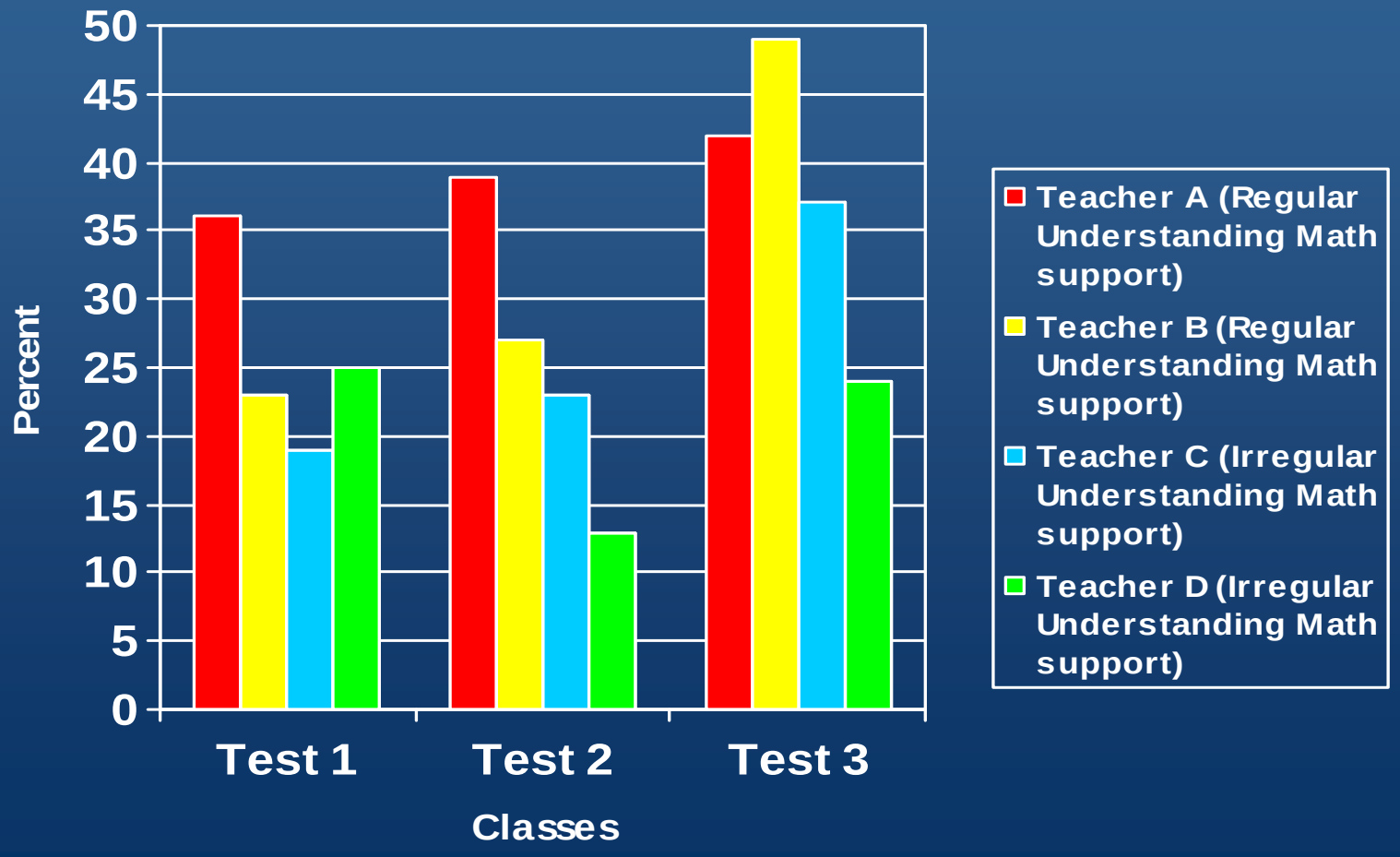
Overall Benchmark Assessment Results
Middle School 1 Grade 7 Students Passing with 70% or Higher



Graph 6

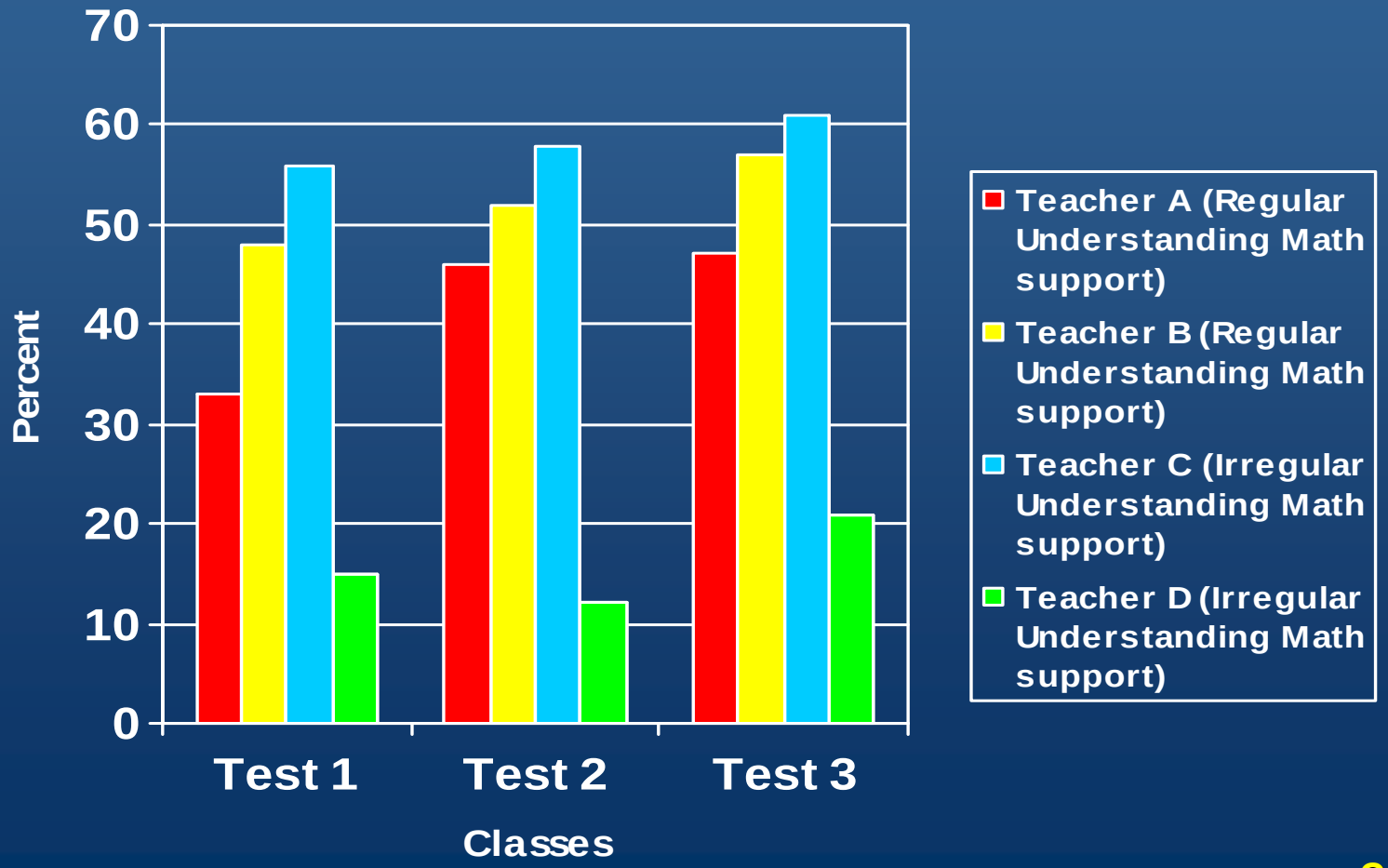
Overall Benchmark Assessment Results

Middle School 2 Grade 7 Students Passing with 70% or Higher



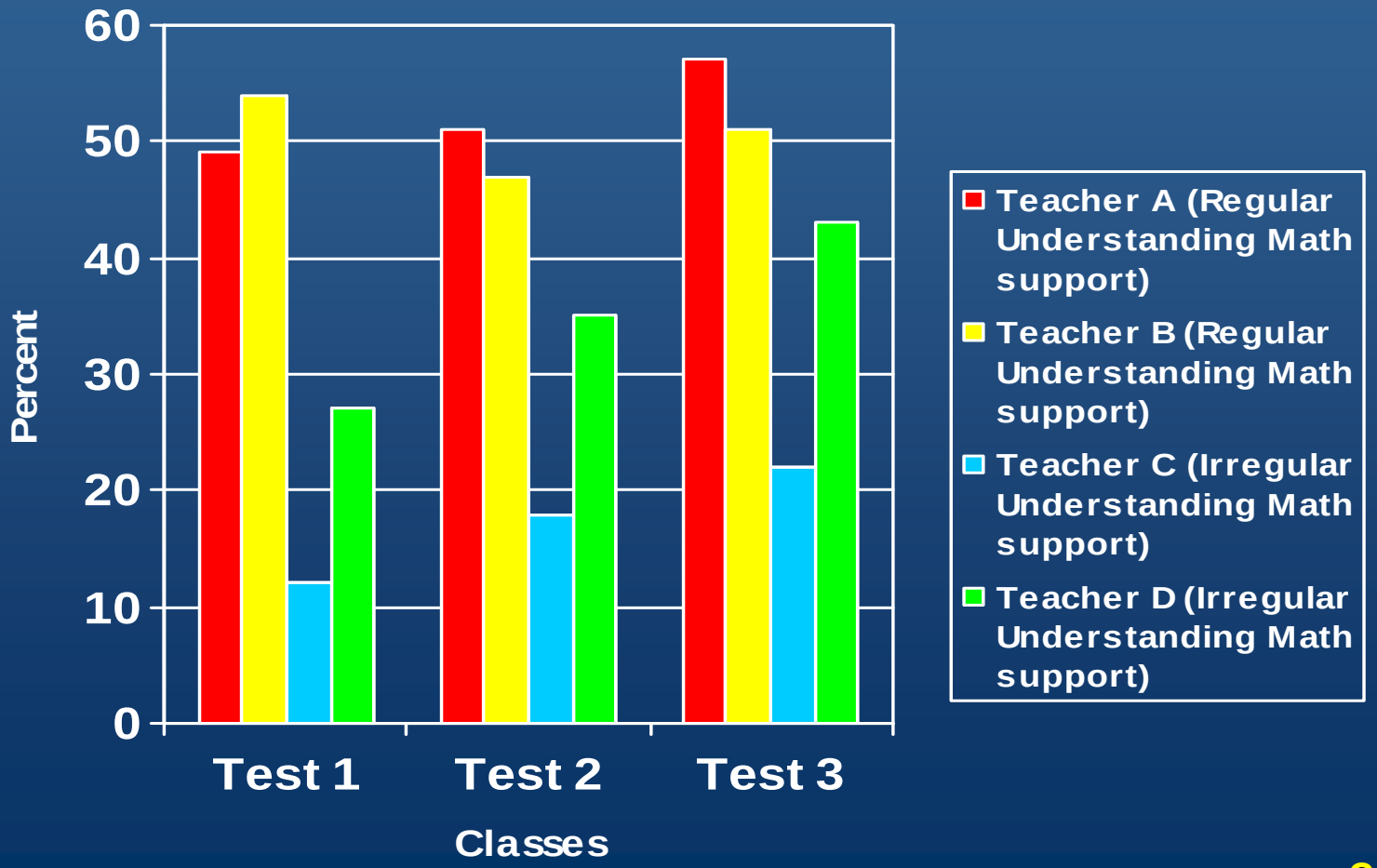
Graph 7

Overall Benchmark Assessment Results
Middle School 1 Grade 6 Students
Passing with 70% or Higher



Graph 8

Overall Benchmark Assessment Results
Middle School 2 Grade 6 Students
Passing with 70% or Higher



Graph 9

Conclusion

- Schools that *regularly* engage students in “on” and “off” computer activities utilizing **Understanding Math Plus™** software demonstrated a higher level of consistent improvement (*percentage of students passing with 70% or higher on district assessments*).

Neufeld Learning Systems Inc.