



WPI

Middle School Math Supplements

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Problem

American students fall behind international competition in middle school math.

Solution

Test three online learning supplements for middle school math.

Supplements

KHANACADEMY

eHow

Mrs B

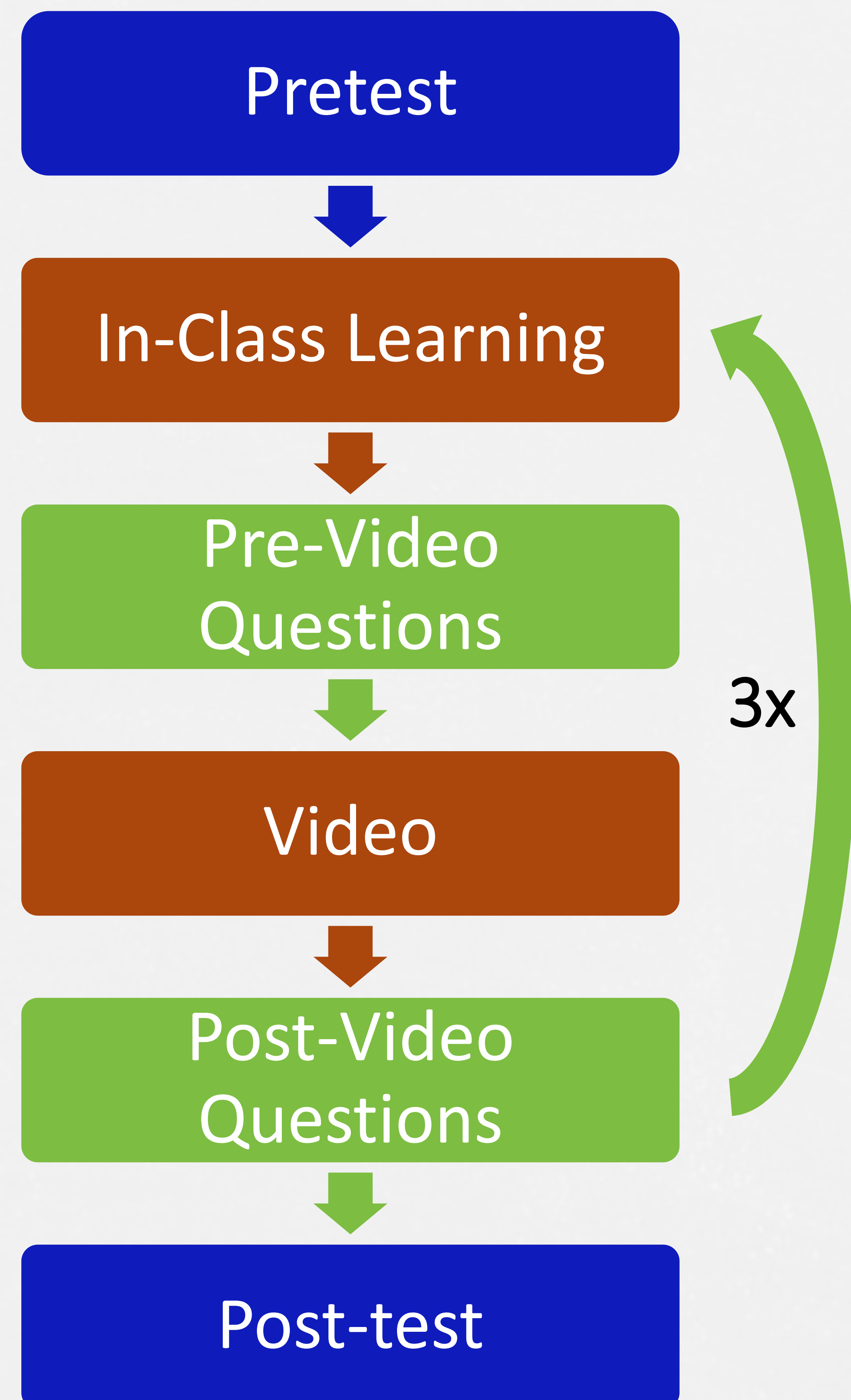
Test Management Tool

ASSiSTments™
A Free Public Service of Worcester Polytechnic Institute

Sample Group

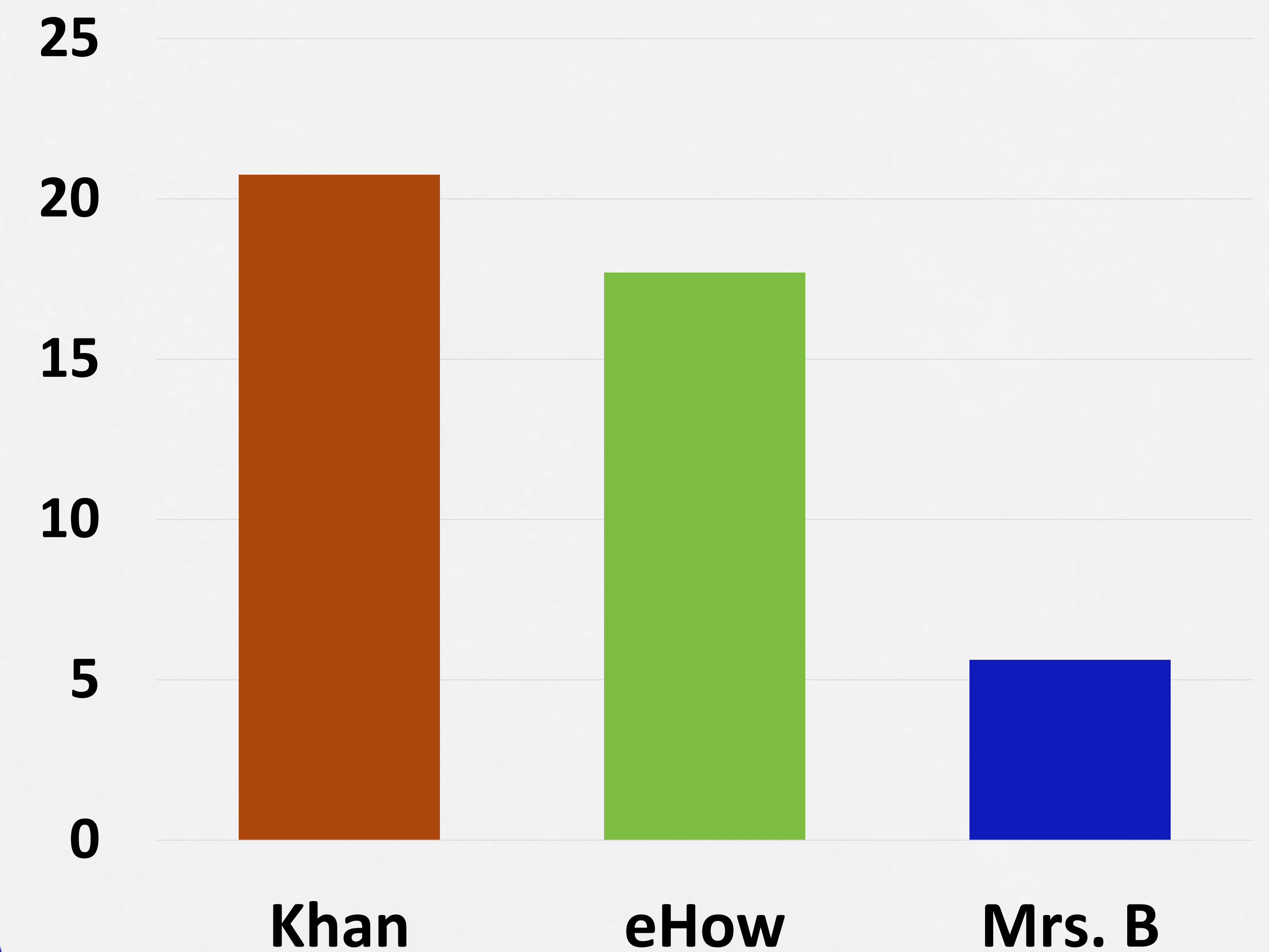
Forty sixth-grade students at The Derryfield School. Three groups of about thirteen students.

Methodology



Results

Percent Change from Pre- to Post- Test Scores



Conclusion

All supplements increased student scores. Khan Academy showed largest gains. Students enjoyed video-supplemented learning.

References

- https://en.wikipedia.org/wiki/File:Khan_Academy_logo.svg
- https://en.wikipedia.org/wiki/File:Ehow_logo_2011.png
- <https://www.pexels.com/photo/background-black-blackboard-board-159770/>