



2017-1-S01-KA201-035523

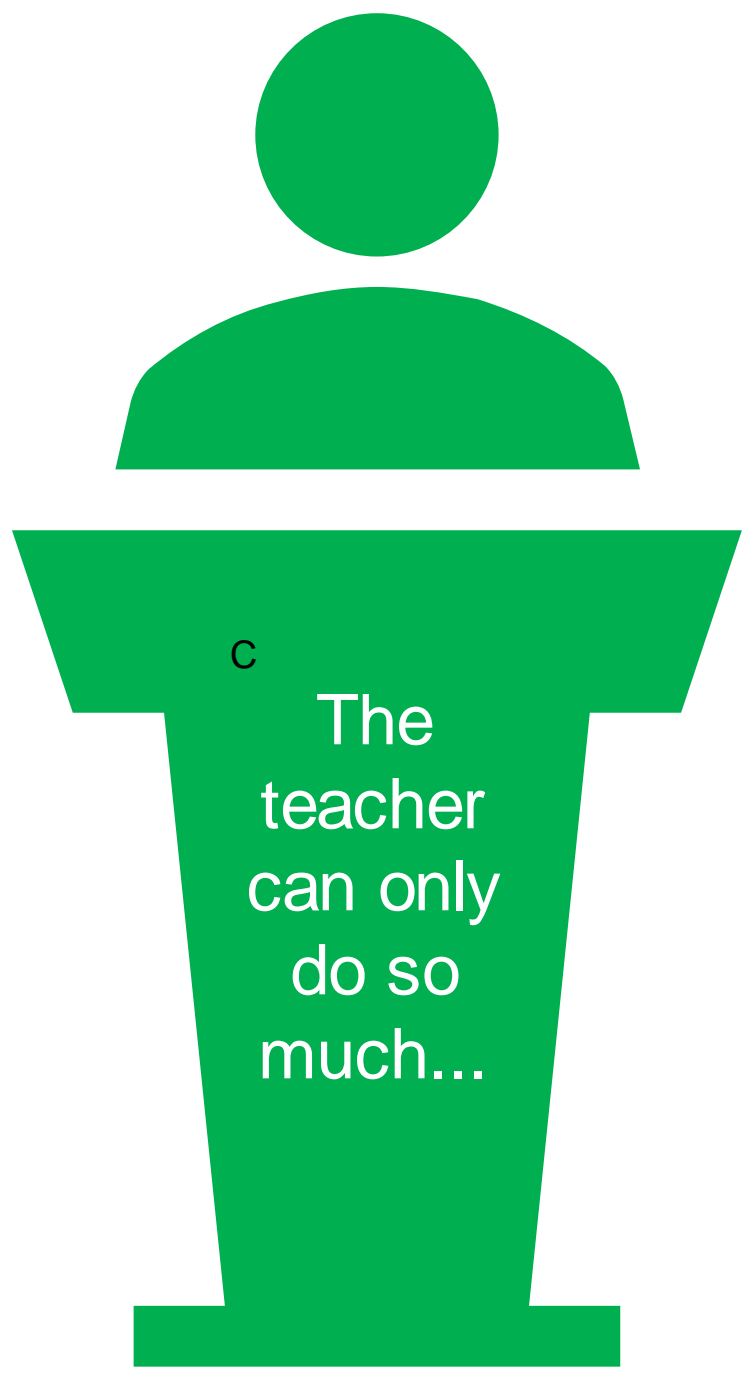
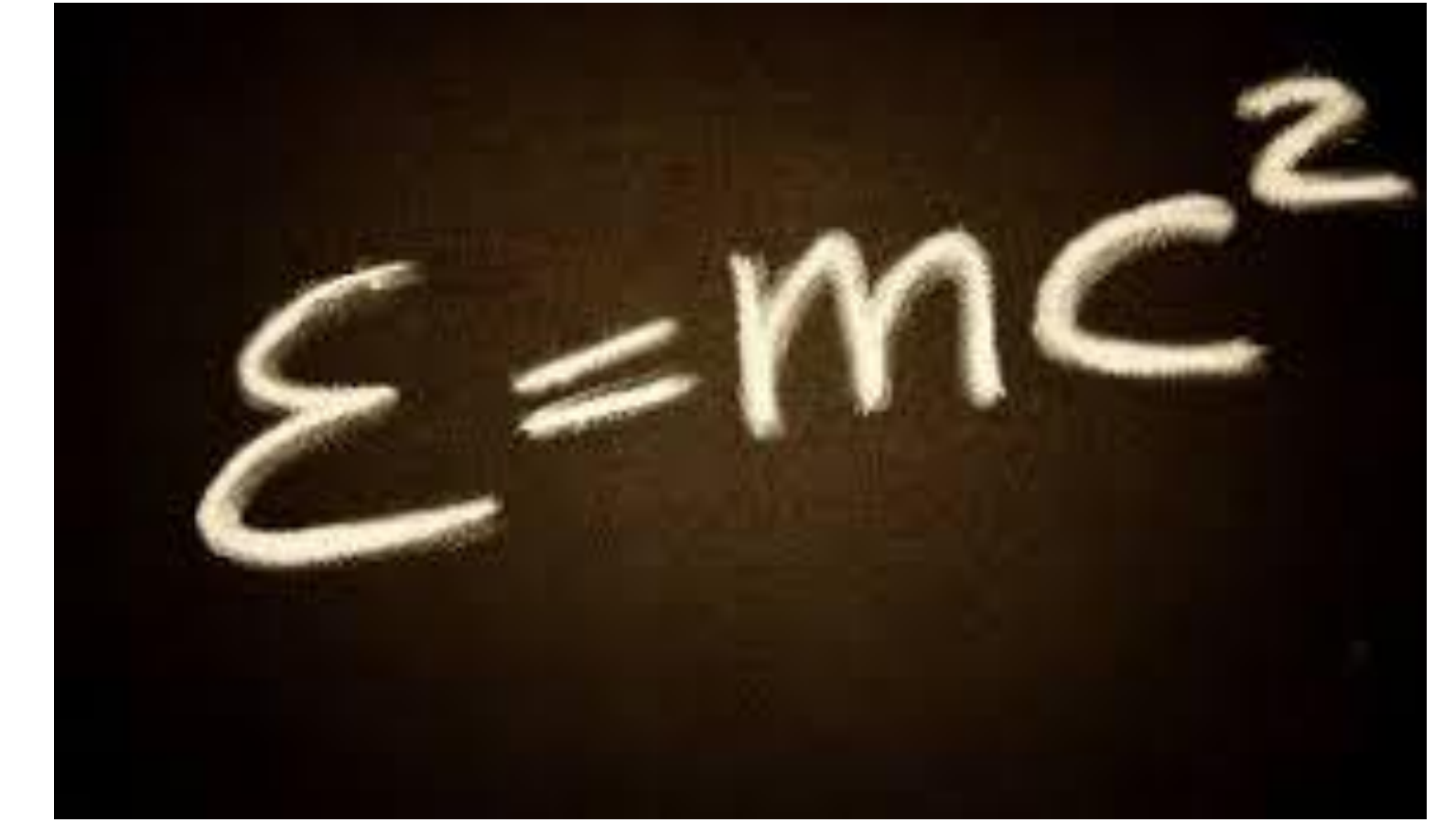
3DiPhE
Three Dimensions of Inquiry
in Physics Education

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St Joseph's Borrisoleigh



HOMework
uninstalling...

What is the most effective type of homework to set for LC Physics students to consolidate learning and what frequency is best for maintaining standards?

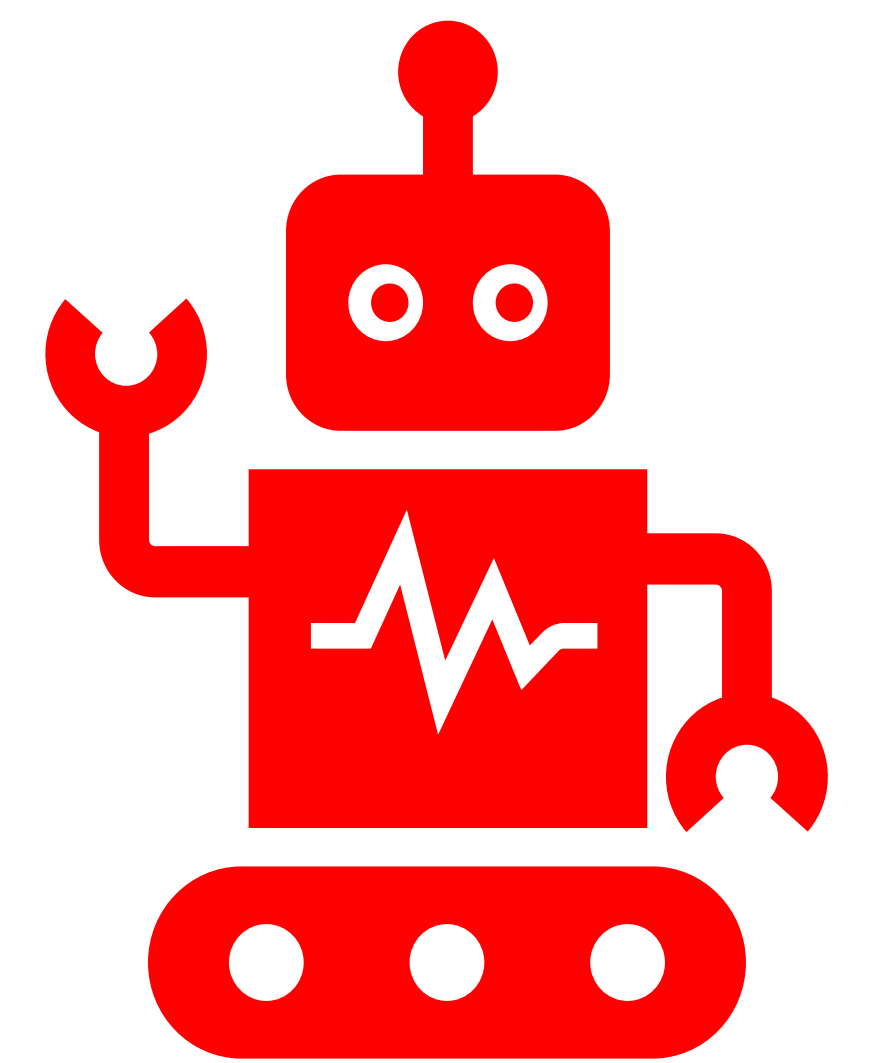
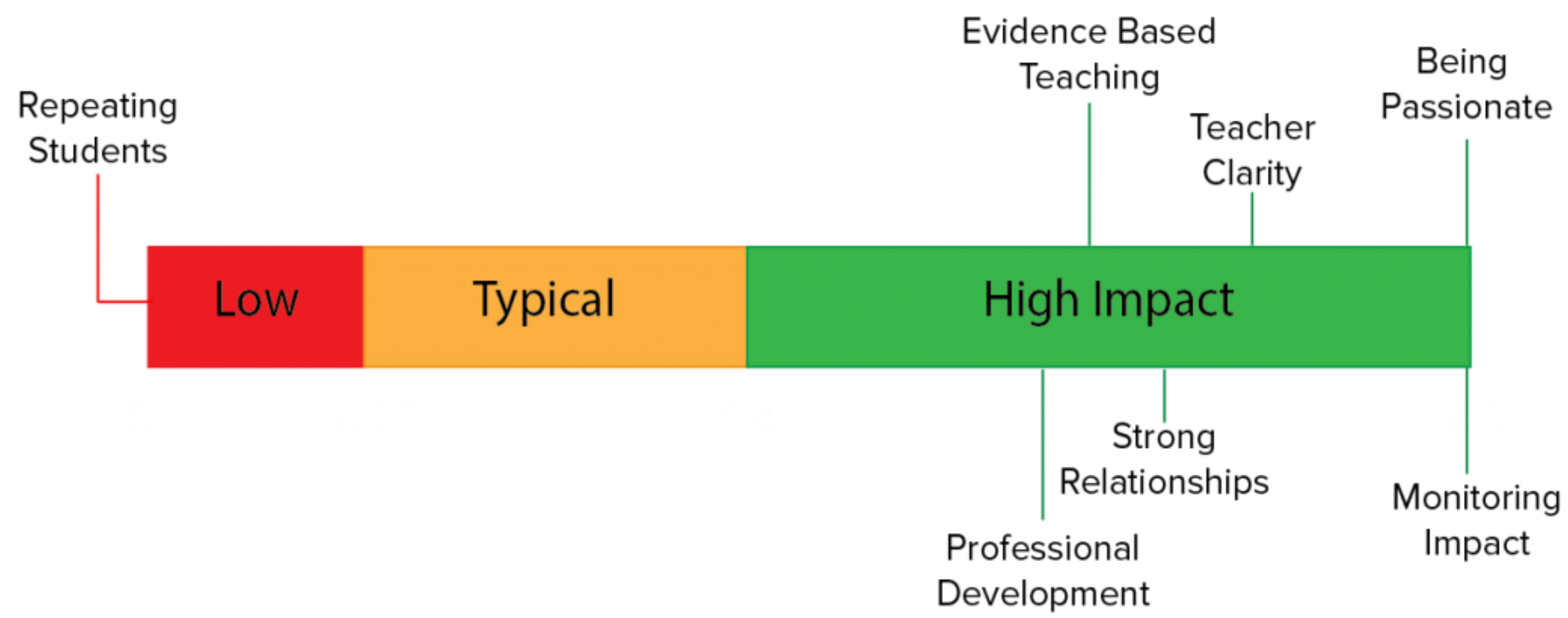


Definitions need to be learned, verbatim and are worth approx 30% of the LC paper

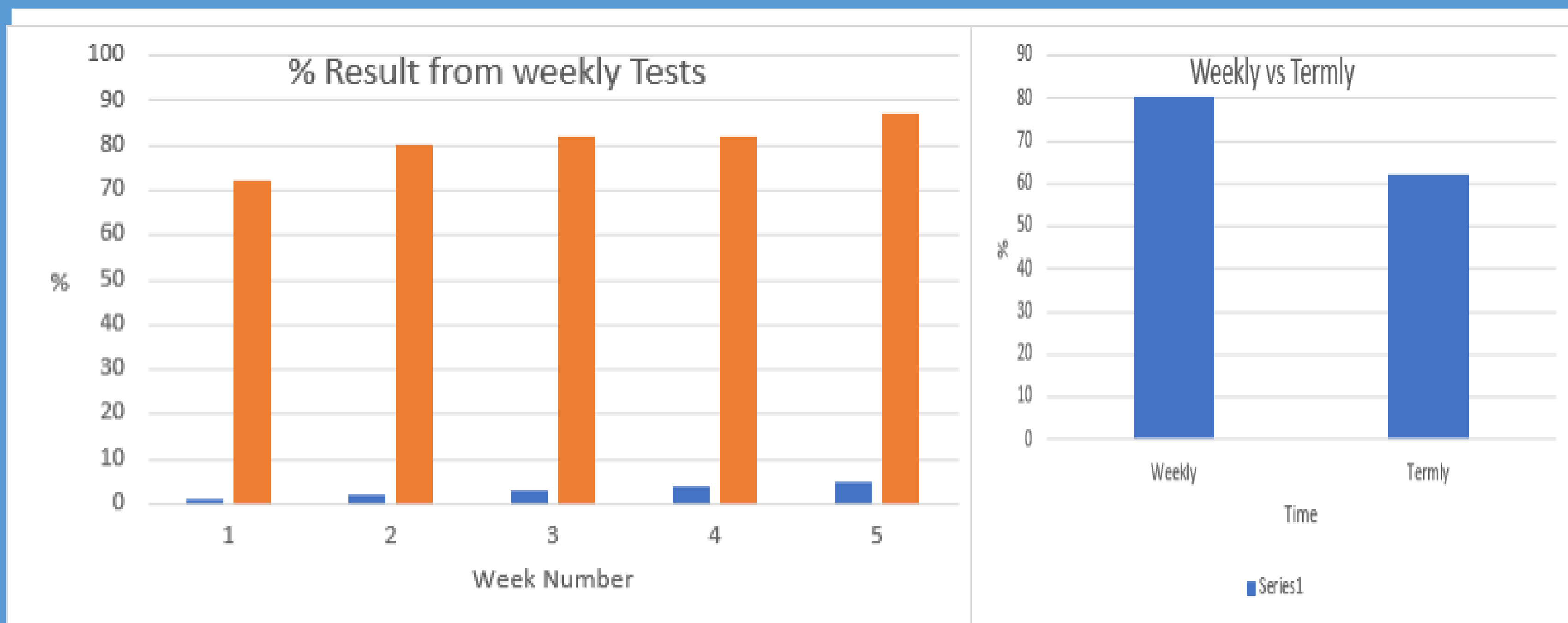
Definitions were assigned one week prior to test and on one topic only



RESEARCH
Homework should reinforce classroom learning, but not all assignments are effective. ...
• Spaced repetition. ...
• Retrieval practice. ...
• Flipping the classroom. ...



RESULTS



The average test score during the weekly homework and weekly testing was 81%. When 10 weeks passed of not learning definitions, their definitions tests results dropped by nearly 20% to 62%. No anomalies, class results were consistent.

