

An Understanding-1st Approach To Right-Angled Trigonometry

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Attn: Mathematics Leaders & Teachers

This could be you!



The approach is easy to implement. During the early lessons, students are holistically immersed in trigonometry rather than replicating one trig routine at a time.



The initial, interleaved questions require conceptual understanding and create a need to learn in students. This fosters improved understanding and agency in students.



The approach should have your students feeling empowered and save you 2-4 lessons within a 10-12 lesson unit. The principles can be applied to any mathematics topic.

Understanding Right-Angled Trigonometry

- Show Opposite Side
- Compare Opposite Side to Hypotenuse
- Compare Adjacent Side to Hypotenuse
- Compare Opposite Side to Adjacent Side
- Show trigonometry expressions

What % of the length of the blue line is the green line?

This is a really fantastic course that shows how principles of interleaving can be implemented in the trigonometry topic. With blocked practice, trigonometry questions quickly become about solving equations. The power of the interleaving approach comes from students really needing to think of the strategy they need to use, hence keeping trigonometry at the forefront of their attention. Thanks! James Ding.

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online PD.

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KEY FEATURE of the program.

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Info: <https://tinyurl.com/U-1st-Trig>