Getting into the Swing of things with Trigonometry



General Mathematics

Use of the sine rule, including the ambiguous case, the cosine rule...







General Mathematics

Use of the sine rule, including the cosine rule, as a generalis theorem, and their application problems involving non-right-a including three-figure (true) be





General Mathematics

Use of trigonometric ratios and Pythagoras' theorem to solve practical problems involving a right-angled triangle in two dimensions, including the use of angles of elevation and depression







Ferris Wheel



Animation: Planstatisifiscum poweleful

visual



Temperature Data





Average maximum temperature: Sielbapone



CBR2™





Simple plug-n-play





Pendulum

One of the best activities for Senior mathematics students!

- Position v Time
- Velocity v Time
- Acceleration v Time
- Velocity v Position



TI-Innovator Hub[™]



Programmable

- Multiple plug in sensors
- Digital/Analogue In/Out ports





Pendulum Swing

https://www.youtube.com/watch?v=08ueDogNkP8



Teach kids how to think

Not what to think

