

## Growth Plan: Teacher Action (PGP) and Student Impact (SLO) Goals

Teacher: Will Power

Administrator: Noah Fence

Grade Level/Content Area: Algebra 1

Date/Time of Initial Meeting: Sept. 22

Teacher Action Goal (or PGP)	
Professional growth goal	I believe I'm currently at a level 1 on A1 (5D+) and intend to reach a level 3 (proficiency) described as: "Students frequently assessing their own learning in relation to the success criteria for the learning targets."
Specific Support Need, if applicable	I will need the support of the math department to determine the best ways for students to track their own progress.

NOTE: Specific Action Steps are articulated after the goals. Teachers may duplicate fields to have up to three teacher actions or up to a combination of five goals between Teacher Action and Student Impact Goals.

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**Jianjun Gao**

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the name bar.

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value of the phase difference  $\phi$  depends on the values of  $R$ ,  $C$  and  $L$  since the elements are in series the same current flows through each element at all points in time the relative phase between the current and the emf

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voiceover we now begin a whole new area of circuit analysis called sinusoidal steady state analysis you can also call it ac analysis ac stands for alternating current it means it is a voltage or a current that where the signal actually changes sign it is positive sometimes it is negative sometimes

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about transcript the ratio of a sinusoidal voltage to a sinusoidal current is called impedance this is a generalization of ohm's law for resistors we derive the impedance of a resistor inductor and capacitor the inductor and capacitor impedance includes a term for frequency so the impedance of these components depends on frequency

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$\omega$  represents the frequency of a sine wave when we write it this way  $\sin \omega t$  if  $\omega = 1$  the sin completes one cycle in  $2\pi$  seconds if  $\omega = 2\pi$  the sin completes one cycle sooner every 1 second for  $f = 1$  if  $\omega = 2\pi f$  the sin completes one cycle even faster every  $1/f$  seconds or equivalently sin completes  $f$  cycles in 1 second

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