Title:	"The Critical Connection of Didactic Questions to CAS Activities"
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## Abstract

CAS offers amazing capabilities for student explorations, yet many students are lost when attempting projects or exercises based in a modern system. Formulating a set of questions to direct students in achieving the objectives of the activity is crucial not only to student success, but in guiding the design of the CAS activity, be it a simple exercise or a complete microworld for student exploration. We will show examples of CAS activities and microworlds using TI-Nspire<sup>™</sup>, Maple<sup>™</sup>, and PocketCAS<sup>™</sup> with explanations on their construction. We'll discuss formulating student question sets and how these questions drive the development of the CAS student material.