

In this exercise you will design a SAMR ladder to transform a unit of instruction; the complete exercise should take about 1 hour and 15 minutes.

1. Please break up into teams of 3-5 participants.
2. In this exercise you will be creating a SAMR ladder for a unit of instruction that you would like to transform. Your team should take 10 minutes to select the topic that you will use as the basis for your ladder. You should select the topic according to one of these criteria:

- **Your Passion:**

If you had to pick one topic from your class that best exemplifies why you became fascinated with the subject you teach, what would it be?

- **Barriers to Your Students' Progress:**

Is there a topic in your class that a significant number of students get stuck on, and fail to progress beyond?

- **What Students Will Do In the Future:**

Which topic from your class would, if deeply understood, best serve the interests of your students in future studies or in their lives outside school?

You should make sure that the topic is not too broad or too narrow - for instance, trying to transform the entire Algebra I curriculum would be too ambitious for this exercise, but focusing solely on factoring polynomials using the difference of squares would be too narrow.

3. Having chosen a topic, you should design a SAMR ladder to transform how it is taught today. Plan to spend about 20 minutes identifying key pedagogical goals and creating a "rough" version of the ladder, followed by 30 minutes refining and revising the ladder to put it into final form, including the tools you plan to use and reasonably detailed descriptions of the activities planned.
4. In the final 10 minutes of this exercise, transcribe a description of your ladder, making sure that the writeup is understandable by someone who has not participated in your discussions, and is detailed enough that they could implement your ladder with a minimum of additional work needed.