



Principles to Action: *Establish Mathematics Goals to Focus Learning*

The establishment of clear goals not only guides teachers' decision making during a lesson but also focuses students' attention on monitoring their own progress toward the intended learning outcomes.

"Formative assessment is only effective when teachers are clear about the intended learning goals [and indicators] for a lesson...these indicators serve as signposts for both teachers and students about progress during the lesson." --Heritage *Formative Assessment: An enabler of learning* 2011

Directions

Reconnect ~5 minutes	As a group, identify a facilitator/timekeeper and determine how much time you need to reconnect with the reading, specifically focusing on pages 12-14 <ul style="list-style-type: none">As you read consider what elements comprise the types of mathematics goals described by Principles to Action
Focusing Learning 15 minutes	<i>"Students to represent and solve word problems by using diagrams or objects and equations, compare how the problem situations are similar and different, and explain how the underlying structure in each problem relates to addition and subtraction...and talk about what each number means in the problem"</i> pg. 15 <ul style="list-style-type: none">Consider your learning over the year within the major clusters. As a group come to consensus on a cluster to focus on*<ul style="list-style-type: none">Work together with your group to provide an example of a goal statement of the type described within pg. 12-14, discussion.
Connecting with TPEP 10 minutes	Review the TPEP student growth goal rubrics for 6.1 and the critical attributes and consider: <ul style="list-style-type: none">How does your goal statement connect to the TPEP student growth goal critical attributes? And if needed, modify your goal statement to include the TPEP student growth goal critical attributes
Debrief ~10 minutes	Consider the mathematics teaching practices on pg 10 <ul style="list-style-type: none">How can the development of specific math goals support the other practices for effective teaching and learning?For our next fellows meeting, please read pg 17-28

*state guidance for mathematics has placed the grain-size of TPEP student growth goals to be at the cluster level.