

Transcript – Using the Mathematical Process Standards to Build Depth and Complexity

This graphic has been used in both the ESTAR and MSTAR academies to illustrate the multiple connections that need to be made in order for students to build a strong mathematics network. How might this graphic capture the intent of the mathematical process standards?

As we look at the revised TEKS, it is important that we continue to integrate mathematical ideas and processes to teach concepts that challenge and help our students to build a deeper understanding. Let's compare this idea to our earlier look at the trees and the forest. As we look at the revised student expectations, we can view them as individual skills, similar to the leaves, or as those skills working together, more like the tree or a forest. For example, when connections can be made among different student expectations and the process standards, we are looking at the TEKS through a wider lens.