Lesson 3
Bridging Understanding

Part 2

• Attach actual objects to the name of the object on the chart.

• As an introduction, use tape as model for properties only (do not distribute to students).

• Consider handing out materials one at a time, instead of using sample bags. Review the material’s name and point to the sample on the chart. Complete chart for properties of each material.

• After all material properties have been explored and listed, review each material for brainstorm ideas for the other questions: (consider think-pair-share or choose 3 different students for each item)
  
  o How could you change the shape?
  o How could you use this material in a bridge design?
  o Sample prompts
    • What part of the bridge could you use this for?
    • Could you use this material with another material?
    • If you changed the shape of this material, could this material support the bridge, could it hold weights?