

When Wave Speed Changes...

- When two wire spines are joined, the coupled system can be used to demonstrate the wave propagation through the boundary of two media with different wave speeds. In this case, both reflected and transmitted (refracted) waves can be observed. Does the frequency of a sinusoidal wave change during this process?
 - a.) Both reflected and transmitted waves change.
 - b.) Neither changes.
 - c.) Reflected wave does not and transmitted wave does.
 - d.) Reflected wave does and transmitted wave does not.
 - e.) None of the above.