

1. Open the Fourier Making Waves PhET (Also linked from the course schedule)  
Choose the “Discrete” version.
2. Play a little.
  - a) What do each of the three graphs mean?
  - b) What do all of the controls on the right do?
3. Try to recreate  $f_1 + f_2$  from the ”Adding Functions” Activity
4. At the bottom, choose to play the “Wave Game”. I suggest starting with Level 2 and try to make a few waveforms