

# HOME/SCHOOL CONNECTION A

## Investigation 3: Engineering

## Paper Meter Tape

This meter tape belongs to

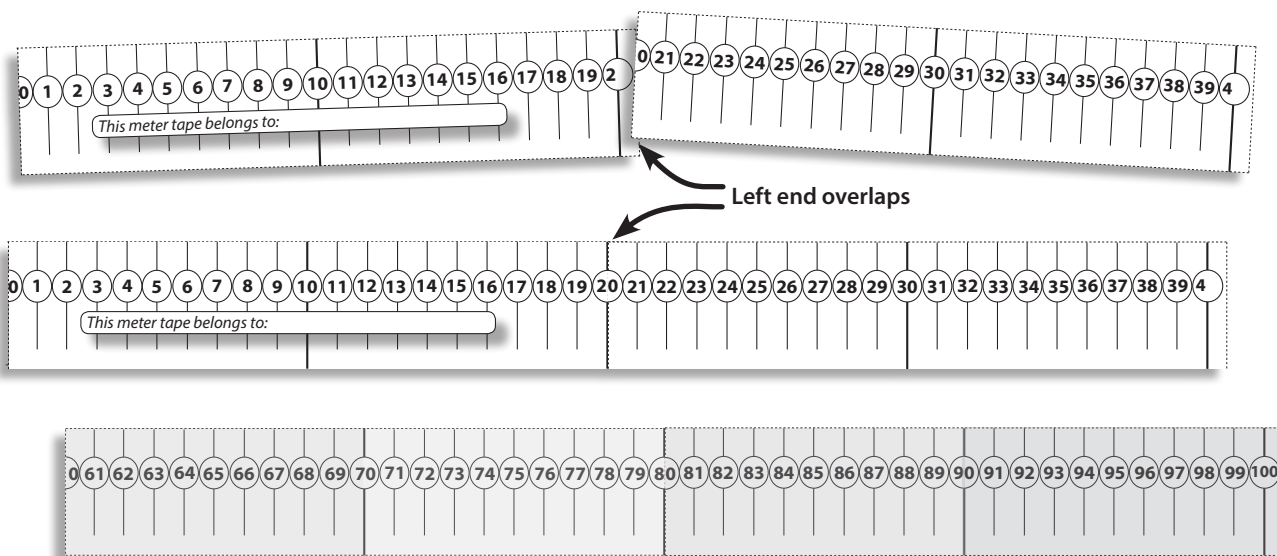
The meter tape consists of 100 numbered circles arranged in five rows of 20 circles each. A vertical line runs through the center, separating the first 50 circles from the last 50 circles. The numbers are: Row 1: 0-19, 20; Row 2: 21-39, 40; Row 3: 41-59, 60; Row 4: 61-79, 80; Row 5: 81-99, 100. A text box is positioned over the first row of circles, containing the text "This meter tape belongs to".

# HOME/SCHOOL CONNECTION B

## Investigation 3: Engineering

### Directions for making the paper meter tape.

1. Cut out the five meter-tape pieces from the *Paper Meter Tape* sheet. Cut on the dashed lines.
2. Align the pieces as shown. Place the sections in numerical order. Tape the overlapping ends, front and back.



3. Use the meter tape to measure things at home.
4. Discuss these questions with family members.
  - How do you place the meter tape next to objects when you want to measure something less than a meter? What unit should you use to report your measurement?
  - What do you do when you want to measure something that is more than a meter long? What unit or units should you use to report these measurements?