**Pre-Assessment**

1. What medical sensors do you think can be improved using flexible, wireless technology?
2. What does a resistor do in a circuit?
3. Does it matter which way you connect a resistor? Are the legs different (meaning polarized)?
4. When you apply physical pressure to a force-sensitive resistor, do you expect the resistance to increase or decrease?
5. What are the two possible values for a digital signal?
6. What units is resistance measured in?
7. How does serial communication work?
8. How many more numbers can you add to a range of values by increasing from an 8-bit byte to a 10-bit byte?
9. During childbirth, do the caregivers monitor the mother or the fetus? What do they measure/monitor?