

Heart Rate Monitor

Activity	Heart Rate

Heart Rate Alert

Before you can start programming your need to make some choices about how you want your classroom heart rate alerts to work. Fill in the following table to plan your design.

Design Question	Design Decision
What are the outputs going to be? (i.e. different colored LEDs as your heart rate increases)	
What are the thresholds for causing different alerts?	
How often it will take measurements?	
What will trigger measurements to start being taken?	

Write an explanation for why you made the above design decisions?

Did your design work with other students? Why or why not? (Hint: do you think every person has the same heart rate for the same activities?)
