The Beat Goes On Activity – Heartbeat Worksheet

Prediction

I think I will have _________ beats in one minute when I listen to my pulse.

Do you think your heartbeat will be the same for each activity below?
___________ (answer: YES or NO)

Observations

Fill in the following chart for each person. Count the number of heartbeats for one minute each time.

<table>
<thead>
<tr>
<th>Name</th>
<th>Measurement of pulse from neck (BPM)</th>
<th>Pulse while sitting using pulse meter (BPM)</th>
<th>Pulse while standing using pulse meter (BPM)</th>
<th>Pulse while jumping using pulse meter (BPM)</th>
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Conclusion

Engineers design instruments to help doctors measure a person’s heart rate and pulse in the hospital. How could you use what you learned about pulse today to help engineers design a better instrument?

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