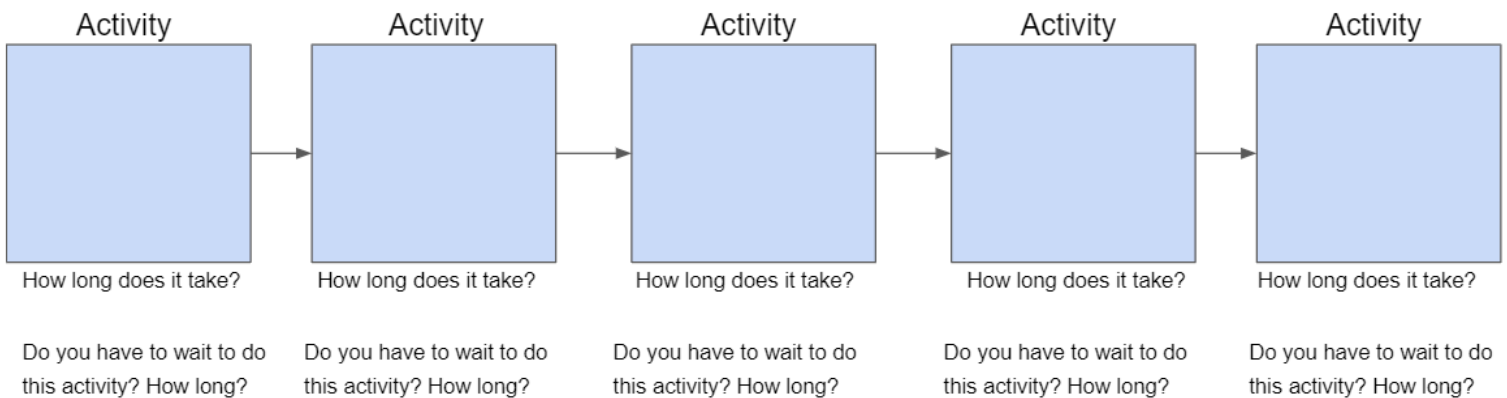


# Value Stream Mapping

By now we know that Industrial Engineers love to look at processes and figure out how to make them better. Industrial Engineers have a special way of mapping processes in order to spot potential problem areas and inefficiencies. This method is called Value Stream Mapping. Take a moment to watch the video below explaining the value stream mapping process.

<https://www.youtube.com/watch?v=uQIBaEvImTs>

**Value Stream Mapping** helps break down a process so that you get a chance to look at every little detail. Below is an example of a Value Stream Map.



## Activity: Create Your Own Value Stream Map

1. Use what you have learned about Value Stream Mapping to fill in your morning routine in the template on the next page.
2. Is there any waste you can think of in this process?
  - a. For example, do you have to walk a far distance in between each activity? Or do you need to walk back and forth between two rooms many times?
  - b. Remember the 7 forms of waste? (Transportation, Inventory, Motion, Waiting, Overprocessing, Overproduction and Defects)

3. List some instances of waste in your morning routine and label what kind of waste they are.
  - a. Ex: I cannot brush my teeth until my brother is done brushing his teeth (*Waiting*)

Activity

How long does it take?

Do you have to wait to do  
this activity? How long?

Activity

How long does it take?

Do you have to wait to do  
this activity? How long?

Activity

How long does it take?

Do you have to wait to do  
this activity? How long?

Activity

How long does it take?

Do you have to wait to do  
this activity? How long?

Activity

How long does it take?

Do you have to wait to do  
this activity? How long?