

Engineer a Coin Sorter Design!

[Complete this side of the page before you gather materials.]

1. Plan: What measurements do you need? Why? Take those measurements.

Coin	Measurement 1	Measurement 2	Measurement 3
penny			
nickel			
dime			
quarter			

2. Plan: Draw at least two designs below. Label your drawings with the materials you need.

Name: _____ Date: _____

[Complete this side of the page after you build your coin sorter.]

1. Describe how your final design is different than your plan.

2. How would you *improve* your design if you had more materials and time?

3. What is the process that engineers use to develop or improve technologies, objects and systems? What are the five steps in this process?