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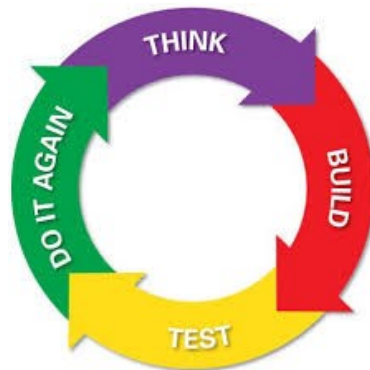
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## Engineering Design Process

### Think, Build, Test, Do It Again

That's the process Engineers use when they tackle a problem. Engineers don't have official rules telling them to follow this set of steps. But, over time they have learned that **they get the best results this way.**

They **think** and brainstorm about a problem and factors they have to consider to solve it. They come up with an idea and **build** a prototype. They **test** the prototype. Then they **repeat** the process to improve their results.



### It Takes a Lot of Back and Forth

Engineers often move back and forth within the loop, repeating two steps over and over again before moving forward. It's a key to engineering success. Sometimes engineers will focus on one specific step, and when complete, pass the project off to another team with a different skill set.

**Engineers are creative problem solvers!**

## Money Skills

<b>Scientific Concept:</b>	Mathematics
<b>Recommended Ages:</b>	5 to 10
<b>Scientific Practice:</b>	Currency, addition, subtraction

### ABOUT THIS KIT:

Learn about currency, the values of bills and coins, and practice adding, subtracting, and making change with these books and activities. Put your skills to the test with the Money Bags board game that will encourage critical thinking.

**Please note:** this kit must be returned to a staff member at the Kenai Community Library Location.



# Kit Contents & Replacement Costs

Item Type	Description	Cost
Object	Learning Resources Money Bags Game	\$20
Leaflet	Learning Resources Money Activity Set	\$15
Book	Prices, Prices, Prices!	\$15
Book	Money Math	\$8
<b>Packaging &amp; Processing Fee:</b>		\$25
<b>Total Kit Replacement Cost:</b>		\$83



Please verify all parts are present before returning.

