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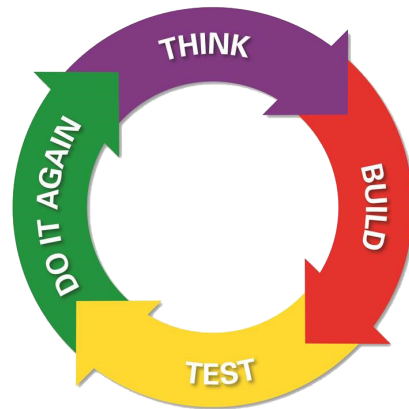
Counting & Sorting

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've 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. And, 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!

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Scientific Concept: Mathematics

Recommended Ages: 3 to 6

Scientific Practice: Counting, matching, sorting

What to know about this kit:

Kids can practice number & color recognition, matching, sorting, counting, addition, subtraction and other early math skills with this kit. Encourage young children to practice with the tweezers to help increase fine motor skills, which will aid in writing ability.

Please note: This kit must be returned to a staff member at an Anchorage Public Library location.



Kit Contents & Replacement Costs		
Item Type	Description	Cost
Object	Mini Muffin Match Up (76 pieces)	\$25
Book	10 Black Dots	\$5
Book	How Many?	\$8
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$63



Please verify all parts are present before returning.