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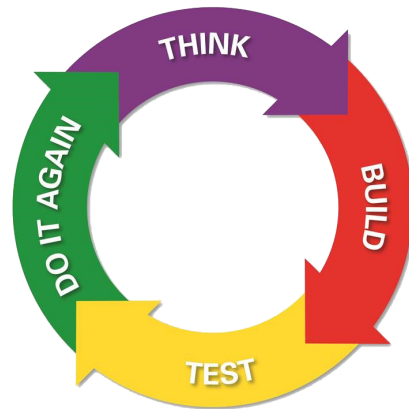
Math Games Addition & Subtraction

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: 5 to 8

Scientific Practice: Addition, subtraction, critical thinking

What to know about this kit:

With MÖBI Kids-The Numerical Tile Game practice addition and subtraction by making math equations as quickly as possible connecting them in a crossword style grid.

With Inchimals use wooden animal blocks to practice measurement, addition, and subtraction.

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	Mobi Tile Game	\$18
Object	Inchimals	\$35
Book	<i>Smart George</i>	\$18
Book	<i>Subtraction Action</i>	\$10
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$106



Please verify all parts are present before returning.