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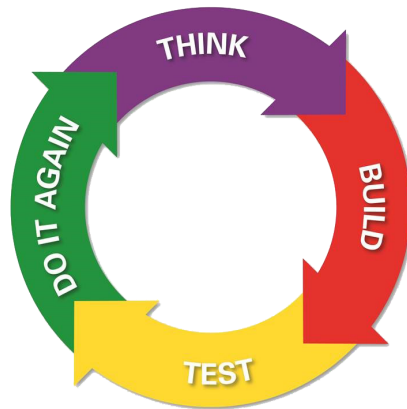
Telling Time

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!

This kit generously sponsored by:



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Scientific Concept: Mathematics

Recommended Ages: 4 to 10

Scientific Practice: Time, numbers

What to know about this kit:

Learn about analog & digital clocks, how to tell time, and how to write time with this kit. Included are a hands-on clock and matching activity to help kids learn the basics. Continue to hone skills through a time-based board game.

*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	What Time Is It? Board Game	\$10
Objects	Learning Resources Time Activity Set (41 pieces)	\$15
Book	<i>How to Tell Time</i>	\$12
Book	<i>Telling Time</i>	\$6
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$68



Please verify all parts are present before returning.