Innovation is a Process

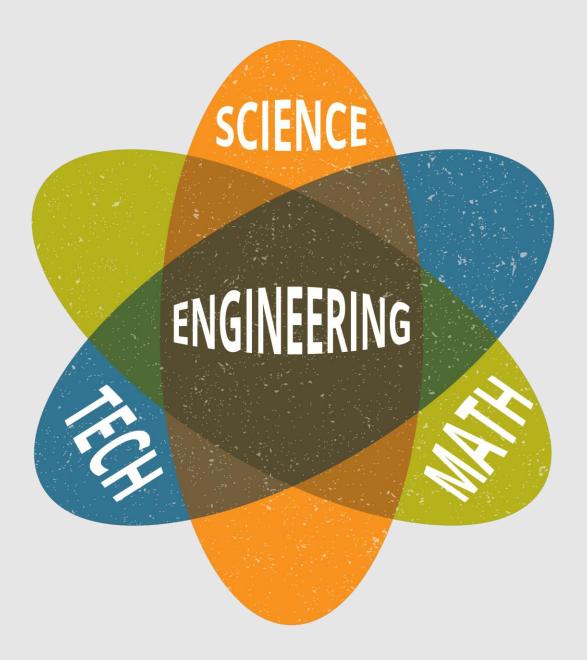
Collaboration, Creativity and Mathematical Modeling Yields Solutions to Real-World Problems, Big and Small



Innovation is a Process

Collaboration, Creativity and Mathematical Modeling Yields Solutions to Real-World Problems, Big and Small







But what about YOU?

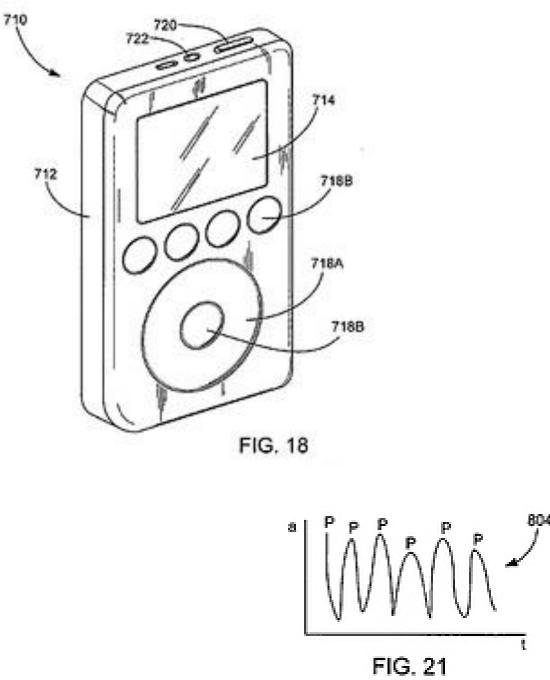
Invention is an idea.

The creation of a product or introduction of a process for the first time. It is patentable.

Innovation is the creation of value.

An improvement or significant contribution to an existing product, process or service. It is valuable to the world.







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"If invention is a pebble tossed in the pond, *innovation* is the rippling effect that pebble causes. Someone has to toss the pebble. That's the inventor. Someone has to recognize the ripple will eventually become a wave. That's the entrepreneur."

— Tom Grasty, PBS Idea Lab

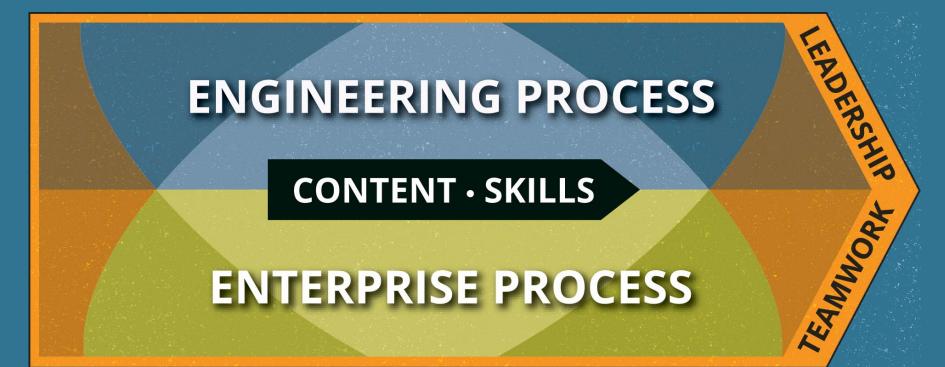


Innovation = Invention x Commercialization

Innovation Culture Foster it.

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The Innovation Process





Enterprise Model • Manage • Market

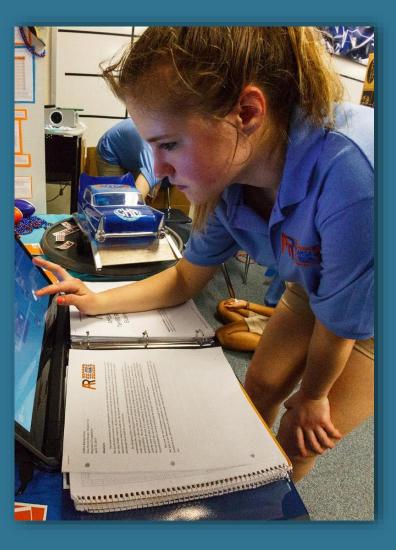
WHAT KIND OF LEADER ARE YOU?

<text>



In order to think outside of the box, you have to know what is inside of it.

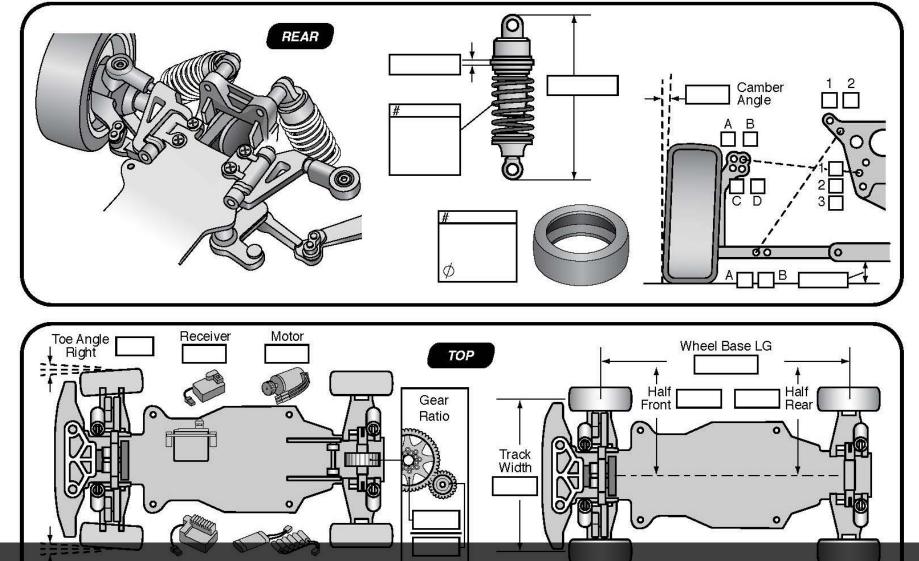
Major General Peggy C. Combs Commanding General of U.S. Army Cadet Command





Simplicity after the Complexity





Gear Ratio, Tire Type Wing

Anglewing Ge amber, etc.

Roadblock Busting Concepts

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Roadblock Busting Concepts

DATA.SPARKFUN.COM

data.sparkfun.com a place to push your data.

Why are you building this?

We want to bring a dose of reality to the Internet of Things hype. data.sparkfun.com is a free, robust service for use with all of your projects. The underlying engine is open source so if you don't want to use our servers you can install phant on the server of your choice.

Wait, this is totally free? What's the catch?

Yep. There are limits, but we wanted to give our users a good, free place to store data and give data scientists more fun things to analyze. Our hope is that you buy a SparkFun widget to connect your next beehive.

How do I use it?

We thought data storage should be as easy as string concatenation. First, create a stream and you'll receive a public url and a private key. Then, using the hardware of your choice (Ethernet shield, RasPi, BBB, Electric Imp, WiFly) simply create a string with the data you want to post. Here's a simple example:

https://data.sparkfun.com/input

/Jxyjr7DmxwTD5dG1D1Kv?private_key=gzgnB4VazkIg7GN1g1qA&brewTemp=33.4

Go ahead and try it! Paste the string above into a browser window and hit return. You should see a confirmation message. Then view the results on the the public stream. Congrats! You just added some data to the internet.

Create a free data stream immediately at data.sparkfun.com CREATE Explore all of the public data streams on data.sparkfun.com EXPLORE Learn how to create data streams and post data to them. DOCS Configure and deploy your own copy of the phant server. DEPLOY Help improve the service by reporting any issues you encounter. BUGS

What types of projects would benefit from this service?

MindBug Busting Concepts

How many Twizzlers Does it take to get from Sam iego To Fair Frend CA math: · SD -> FairField = 517mls Assumptions: · Every twizzlar has 9 strands . 63360 mews = 1 mile that ean be perfed a part. . 517 × 63360=32,757,120 m. Every strandis 9 indus long. · Google 15 occurate and we . Twizzlers = 9 strands xoin can lay the tuizelers on the = 81 in per .32,757,120 turealer Yoad the whele way. . We wild at least enough Twizzlers to surpape the

You can solve a problem with more "unknowns" than knowns.

Simplicity after the Complexity

Conversation Time?