

Innovate and Thrive

Building a Culture of Innovation



DISHER

R U Cre8iv?

Do you need to be Innovative?



How?

- 1. Create a team of collaborators**
- 2. Adopt a simple process & tools**
- 3. Unleash your innovation ninjas**

West Coast Chamber Learn. Innovate. Share.



**DISHER delivers innovative solutions
in engineering, manufacturing,
and talent.**



We “Bring it”



FORTUNE

 **DISHER** Recognized
Great Place to Work® in USA

GREAT
PLACE
TO
WORK®

5th BEST
Small Workplace
4th BEST
Consulting &
Professional Services

New Tools at DISHER

ASK DISHER

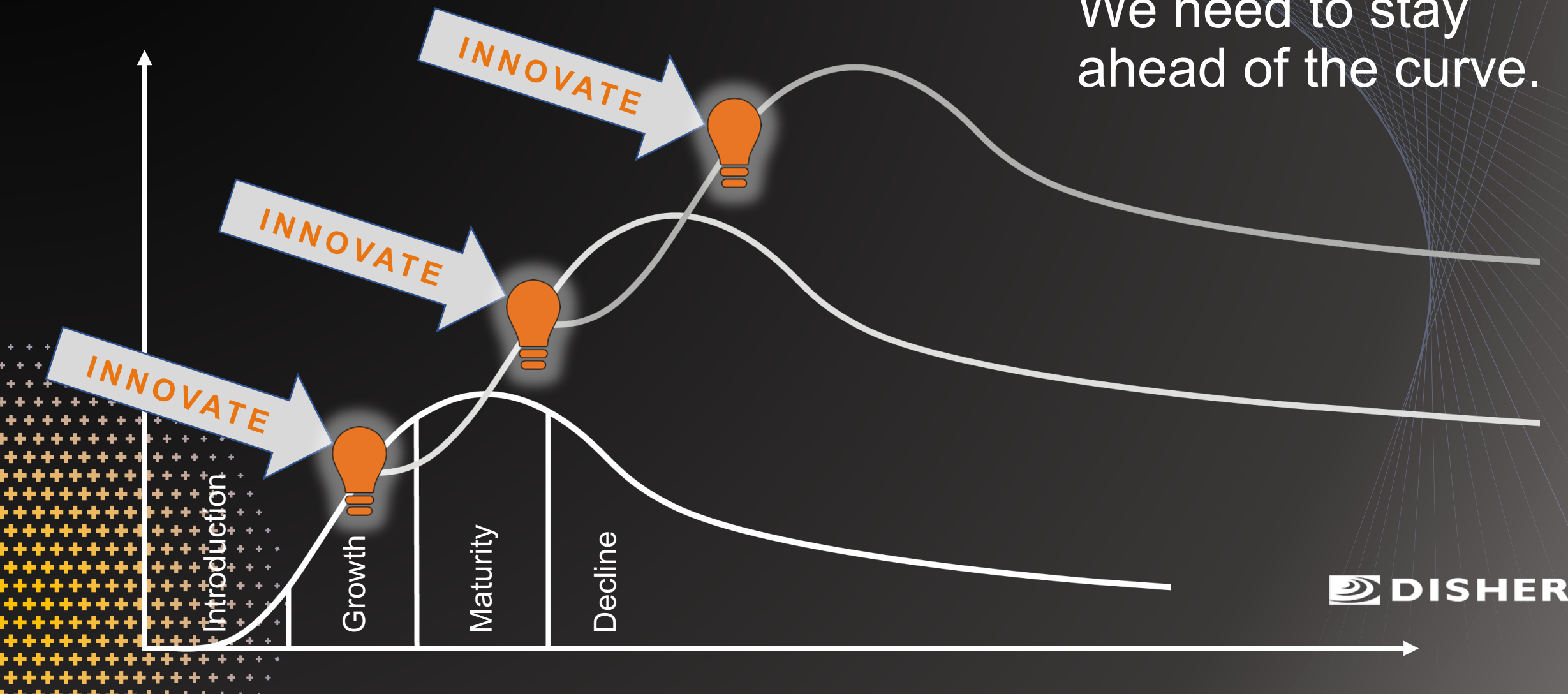
seriously, just ask.



[Disher.com/ask/](https://disher.com/ask/)

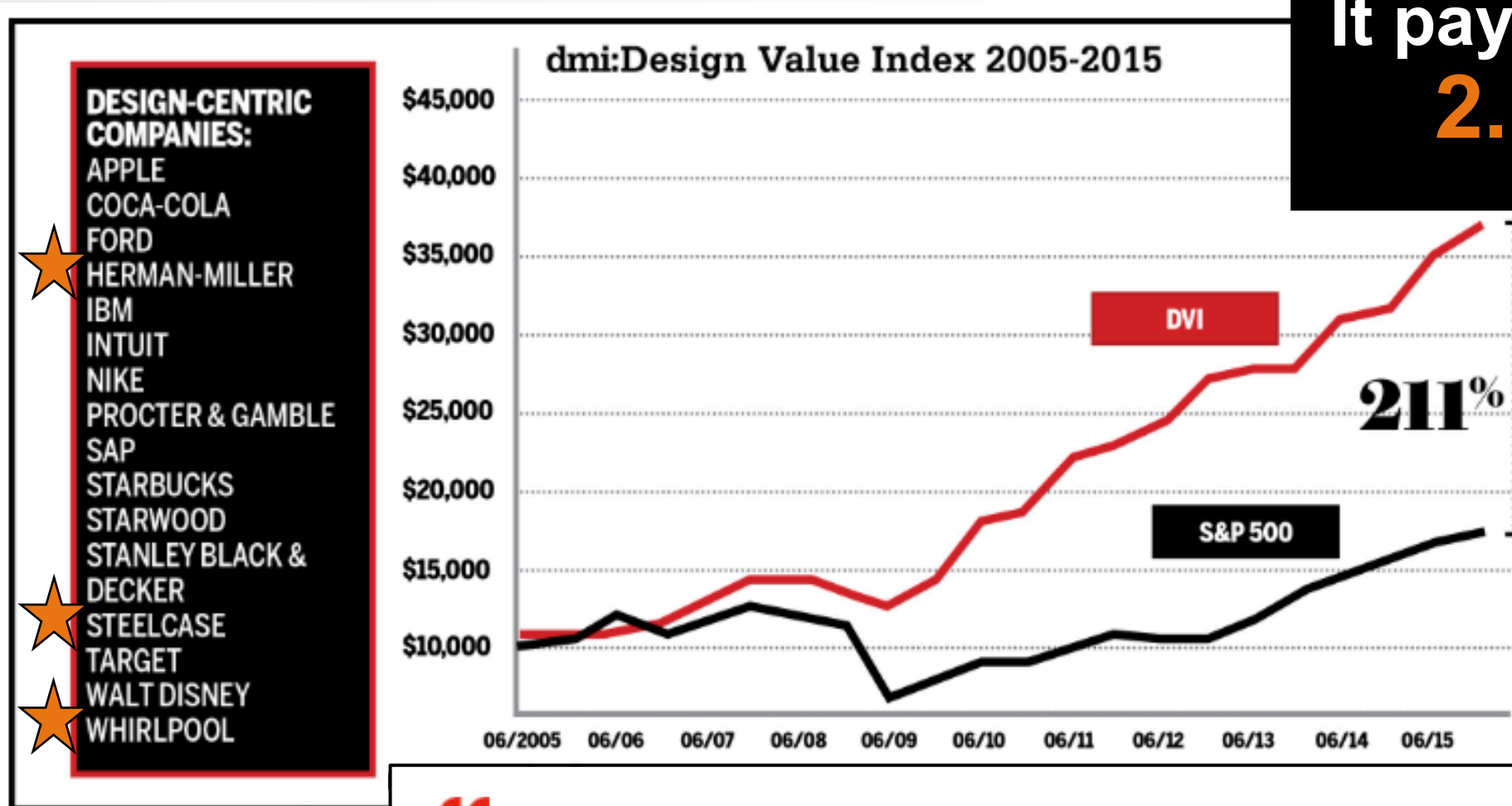
What's the **big deal**?

We need to stay
ahead of the curve.



What's the **big deal**??

It pays off by
2.11X



<https://www.dmi.org/page/2015DVlan>
dOTW/2015-dmiDesign-Value-Index-
Results-and-Commentary.htm

“ In fact, today there may be more nontraditional organizations : services, non-profit, management consulting firms, and governments—trying to build design capabilities than ever before.



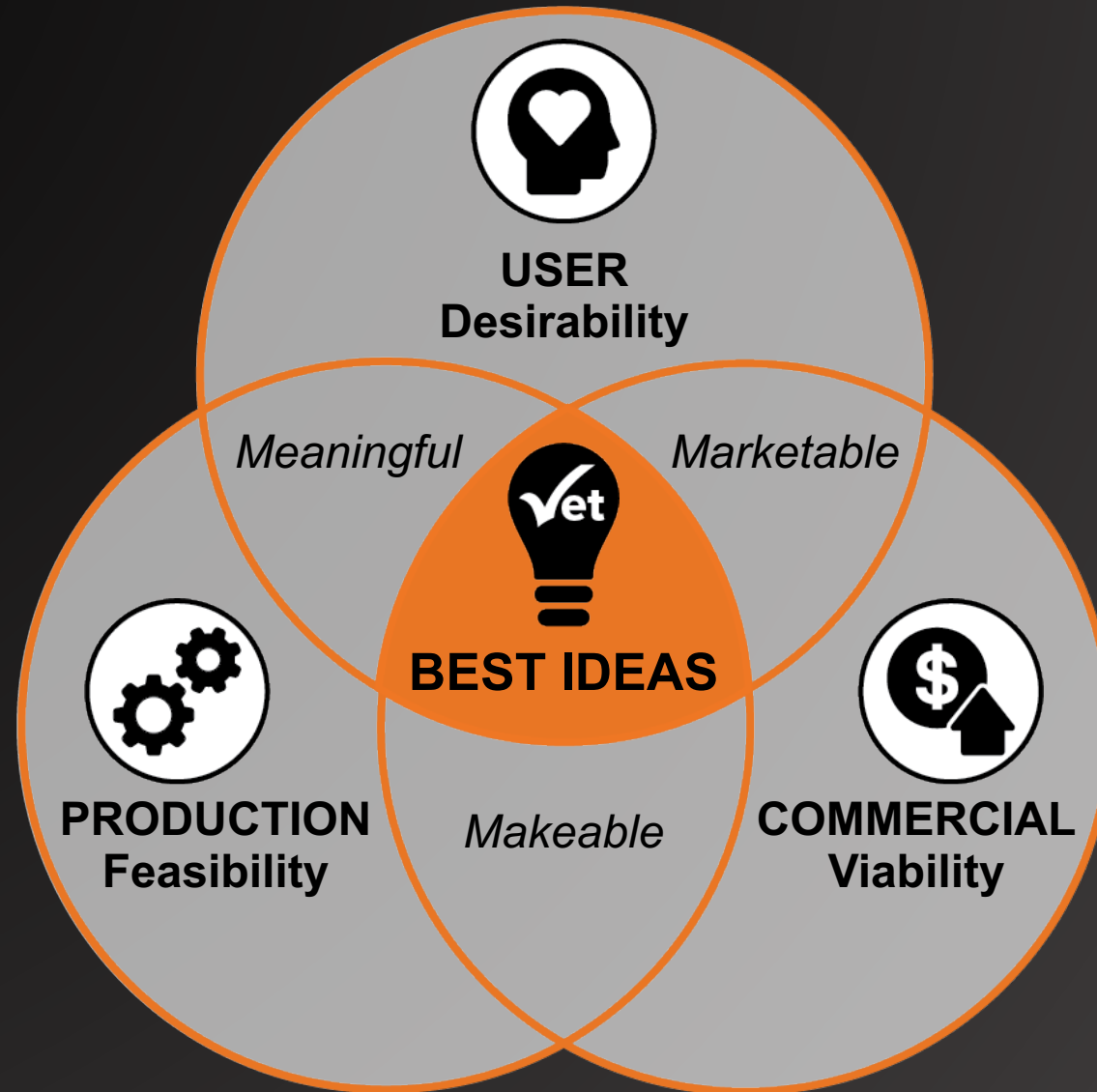
Just go make
everything
better.”

Dick Haworth
Haworth

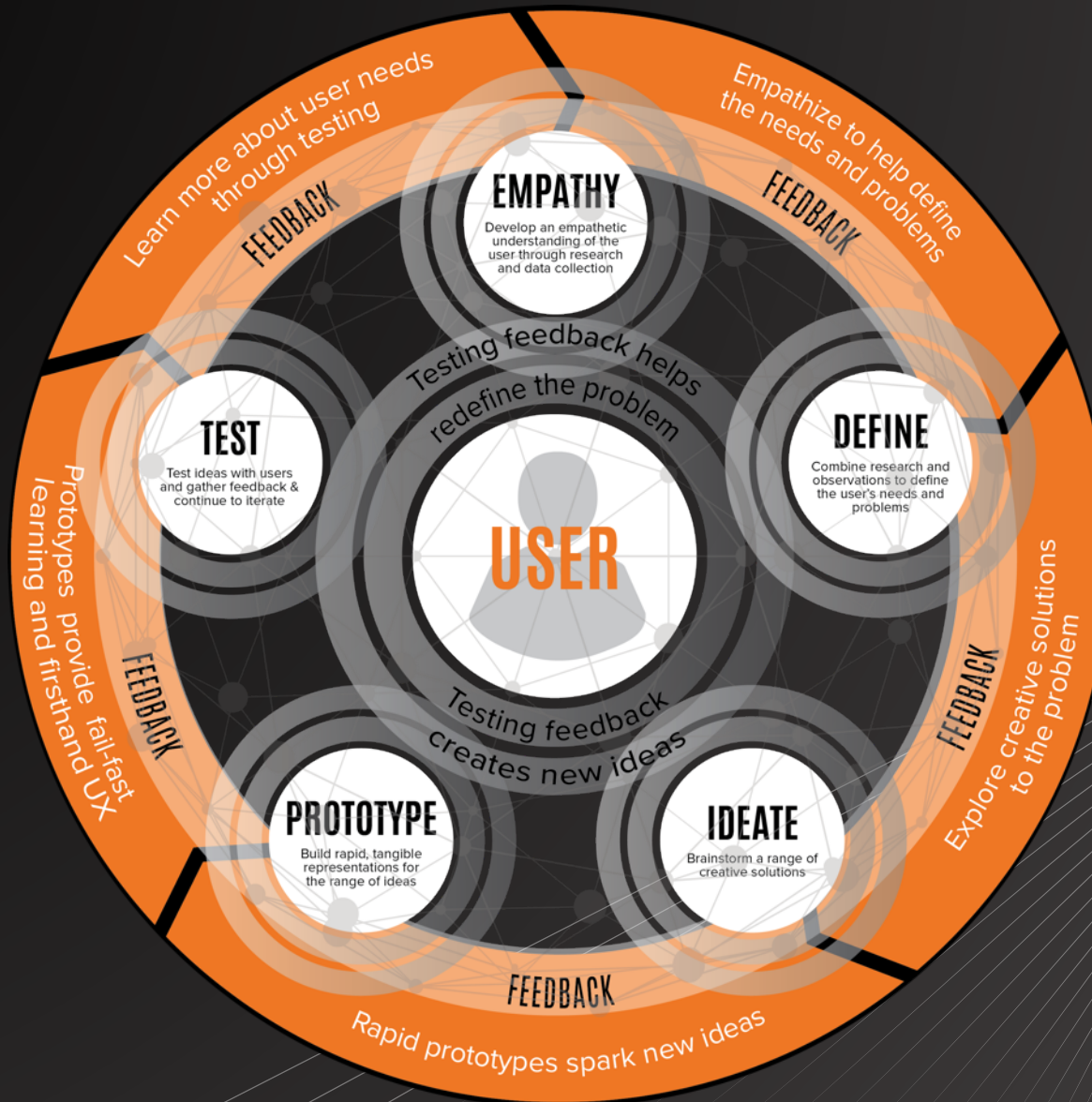
LSA Annual Luncheon



Innovation is a process that creates and vets the **Best Ideas**



Innovation is a process focused on the **user**



collaboration

conviction

content

clarity

connectedness

conversations

concepting

collusion

COMMUNITY

commitment

communication

creativity

contributions

confidence

collisions

camaraderie

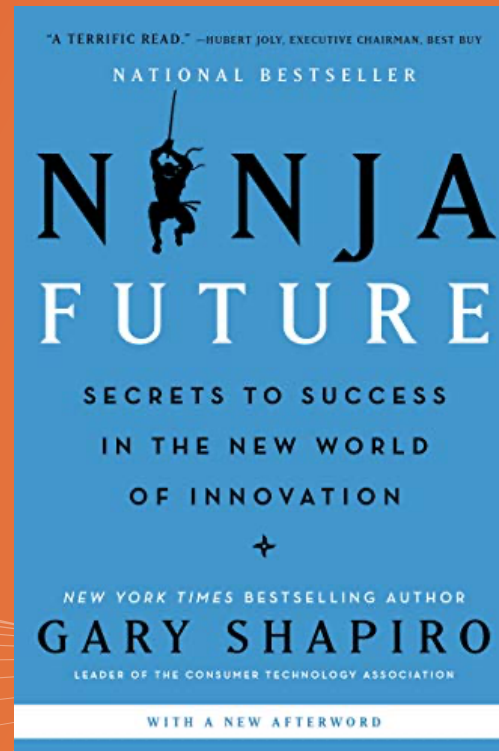
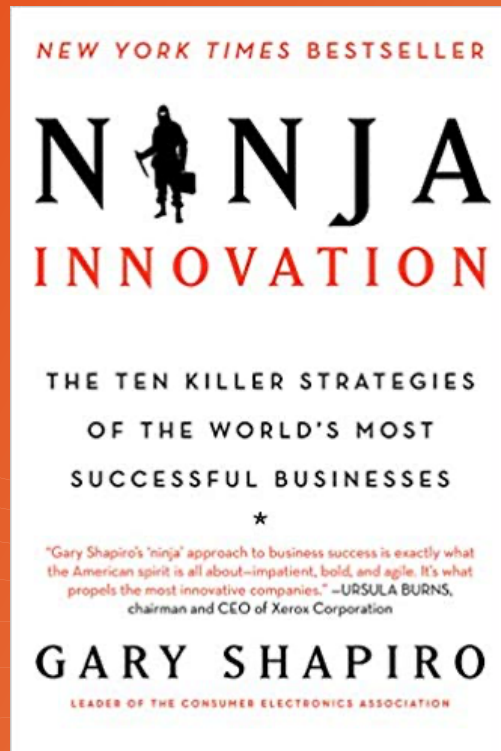
What is the **secret sauce**? **Collaboration.**

“I’ve never met anyone that could do something that incredible (magical) by themselves.”



Tim Cook
Apple CEO

“Innovate or Die”



Gary Shapiro, Consumer Technology Association President and CEO,
Author & Speaker



What is the mindset of a **Ninja**?

- Train hard
- Practice great discipline
- Act with confidence
- Lightening speed
- Surprise
- Strategic and adaptable
- Survive battles
- Cause rumors
- **Create a team of ninjas**

Ninja Teams

Best Buy – Geek Squad

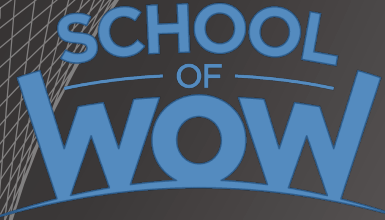
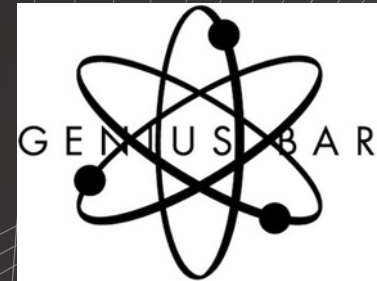
Apple – Genius Bar

Zappos – School of Wow

Amazon – Customer Obsession

DISHER – SWAT Team, “We Bring It”

Chamber - KAPS



Time for a little Process

BOUNDARIES keep us in line.



DEFER JUDGMENT



**ONE CONVERSATION
AT A TIME**



STAY FOCUSED



PREVIEW

*what we are about
to experience*



PLAY

*a game to loosen up
the creative juices*



PROBLEM

*to focus our brainstorm
efforts around*



POSSIBILITIES

*created with
open minds*



PICK

*the best
solutions*



**ENCOURAGE
WILD IDEAS**



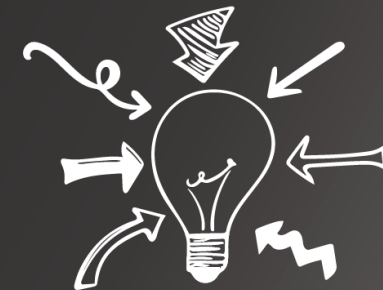
GO FOR QUANTITY



**BUILD ON THE
IDEAS OF OTHERS**



BE VISUAL



**EVERYONE
CONTRIBUTES**

M U R A L

AGENDA & PROCESS

Subject:

1. How might we be able to transform the outside finish of the injected molded plastic planters with something that gives it a high-end look, like ceramic?
2. How might we consider using other tooling options for a new product that gives esthetic variety to the outside of a container while staying within the current product price point?

Agenda:

- Intro (Becky)
- Explain Process & Mural (Becky)
- Ice Breaker (Becky)
- Problem Definition (Becky & Background Research (Boen))
- Brainstorming (Team)
- ReGroup & Share (Team)
- Expand on Ideas (Team)
- Vote (Team)
- Next Steps

Facilitator:

Becky/Kicki

Brainstormers:

- Todd Kercher
- Joshua Manninen
- Ron Paul
- Ryan Worsen
- Kate Wilizer



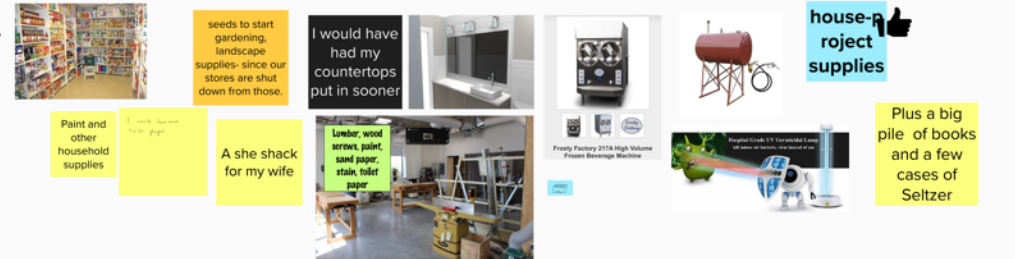
Background Information

- Projected volume for this product? couple hundred thousands. Look for longevity in tooling
- Previous Innovation Workshop focused on function vs. form
- Manufacturing in Molding done in Very little overseas. Shipping costs and inventory savings.
- Are you open to doing overseas? Sure, willing to look at. There is a competitor that does it domestically by painting it. Domestically to hit the season domestically - react quickly - importing makes that point difficult

NEXT STEPS

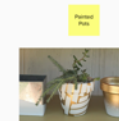
- Send WB report out: MURAL Screen & Voting Report
- Follow up

PLAY - If you knew you would be stuck at home, what would you have had at your house?



<p>How might we be able to transform the outside finish of the injected molded plastic planters with something that gives it a high-end look, like ceramic?</p>	<p>Todd</p>	<p>Joshua</p> <p>Progressive Dip-coat</p>	<p>Ron</p> <ul style="list-style-type: none"> • Molding Process <ul style="list-style-type: none"> Small number of different patterns (higher mold temp) Experiment with screw speed and rotation direction Modified screw type: Two Screw Manufacture Consult plastic process engineer (PPE) There were 1000s of mold at local molders (Jorge Garden Print) DDK at local molders/facilities to mold for mold maturation • Mold Finish <ul style="list-style-type: none"> Consult <ul style="list-style-type: none"> Teacher: Longfellow Mold Tech 30-degree draft for aggressive grain • Resin <ul style="list-style-type: none"> Custom colorant (DCC) Final different color Blowing Agent (Thickens) • Part Design <ul style="list-style-type: none"> Match wall-thickness of ceramic pot Min. 30-degree draft • Secondary Finish <ul style="list-style-type: none"> Paint Powder Coat Hydrographic (Expansion) Chemical with sand 	<p>Ryan W.</p>	<p>Andras</p>	<p>Kate</p>	<p>Matthew</p>	
<p>How might we consider using other tooling options for a new product that gives esthetic variety to the outside of a container while staying within the current product price point?</p>	<p>COLOR STREAKING</p>	<p>Heat-stamping / Foil-stamping</p>			<p>1. In mold decoration</p> <p>2. In mold painting</p> <p>3. Two component Molding</p> <p>4. Over Molding</p> <p>5. Ceramic injection molding and coating</p>	<p>Rotomold</p> <p>paint booth</p>	<p>Rotomolded / thermoformed parts</p>	

INCOMING IDEAS



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Thank you.



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