
“Follow-your-nose” Testing

Questioning Rules and Overturning Convention

Agile 2015, August 7th

Christin Wiedemann, PQA Testing



Share

Confer

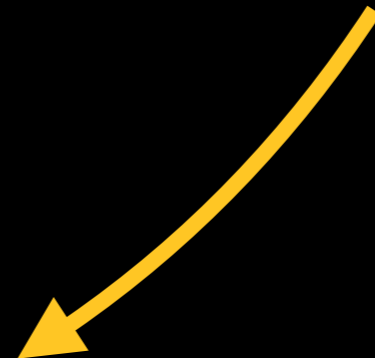
@c_wiedemann
#Agile2015
#FollowYourNoseTesting

Inspire

Testing
Today



Imperative for
Innovation



Collaborative
Context

“[...] O brave new world,
That has such technology
in't [...].”

Appium

Swift

Rails

Chrome

Firefox

Xcode

Responsive
Web Design

Hudson

OpenStack

mongoDB

~~2004~~

Node.js

Scala

Jenkins

64-bit

Android

Selenium

iPad

Telerik

Retina
display

What are the new ideas and trends in testing?

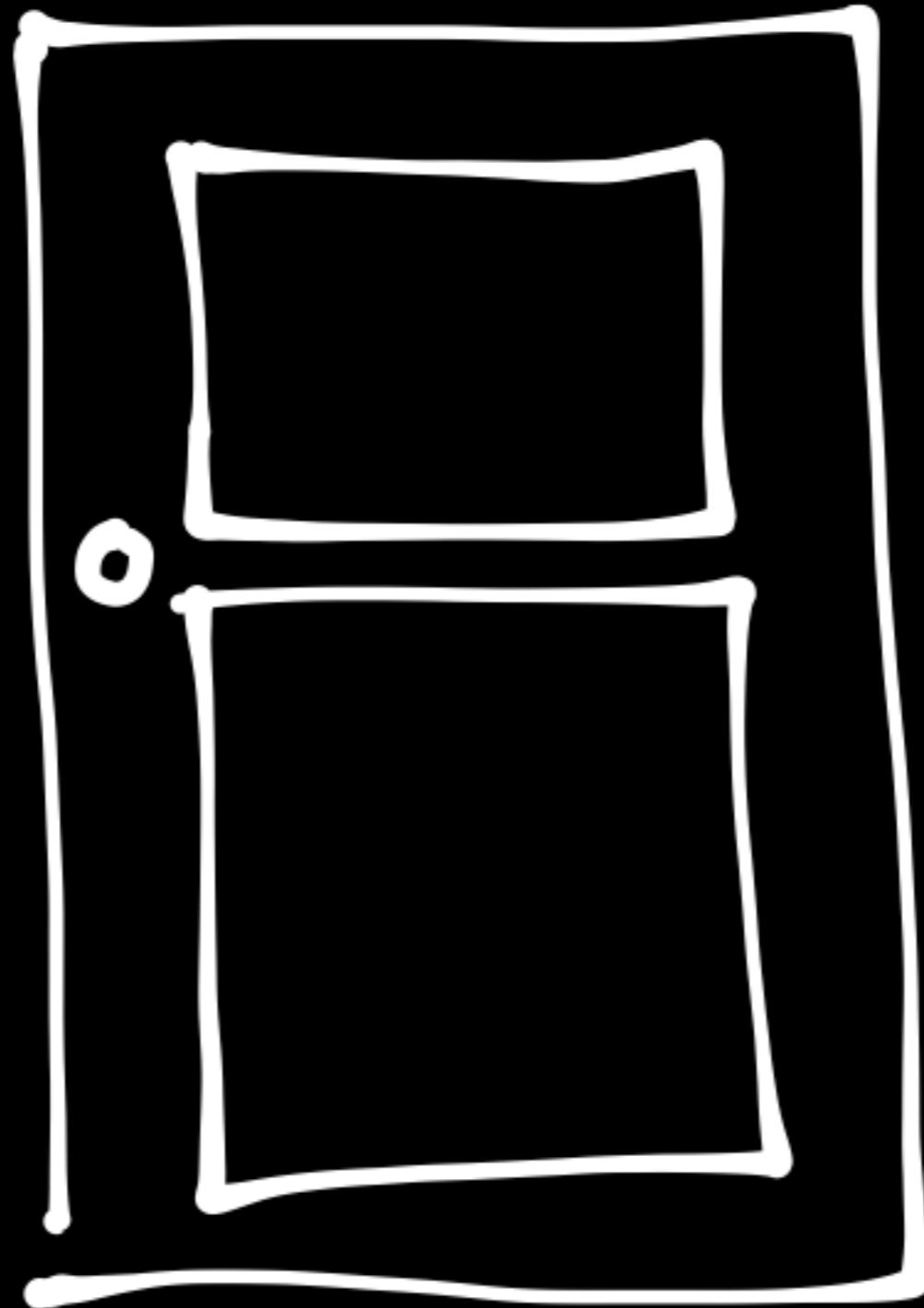
Exploratory testing: 1983

Session-Based Testing: 2000

Test-Driven Development: 2003

Thinking inside the box

You shall not pass



ques·tion

/'kwesʃən/
verb

Feel or express doubt about;
raise objections to.

It is ok to break (some) rules

Habits are not rules

Guidelines are not rules

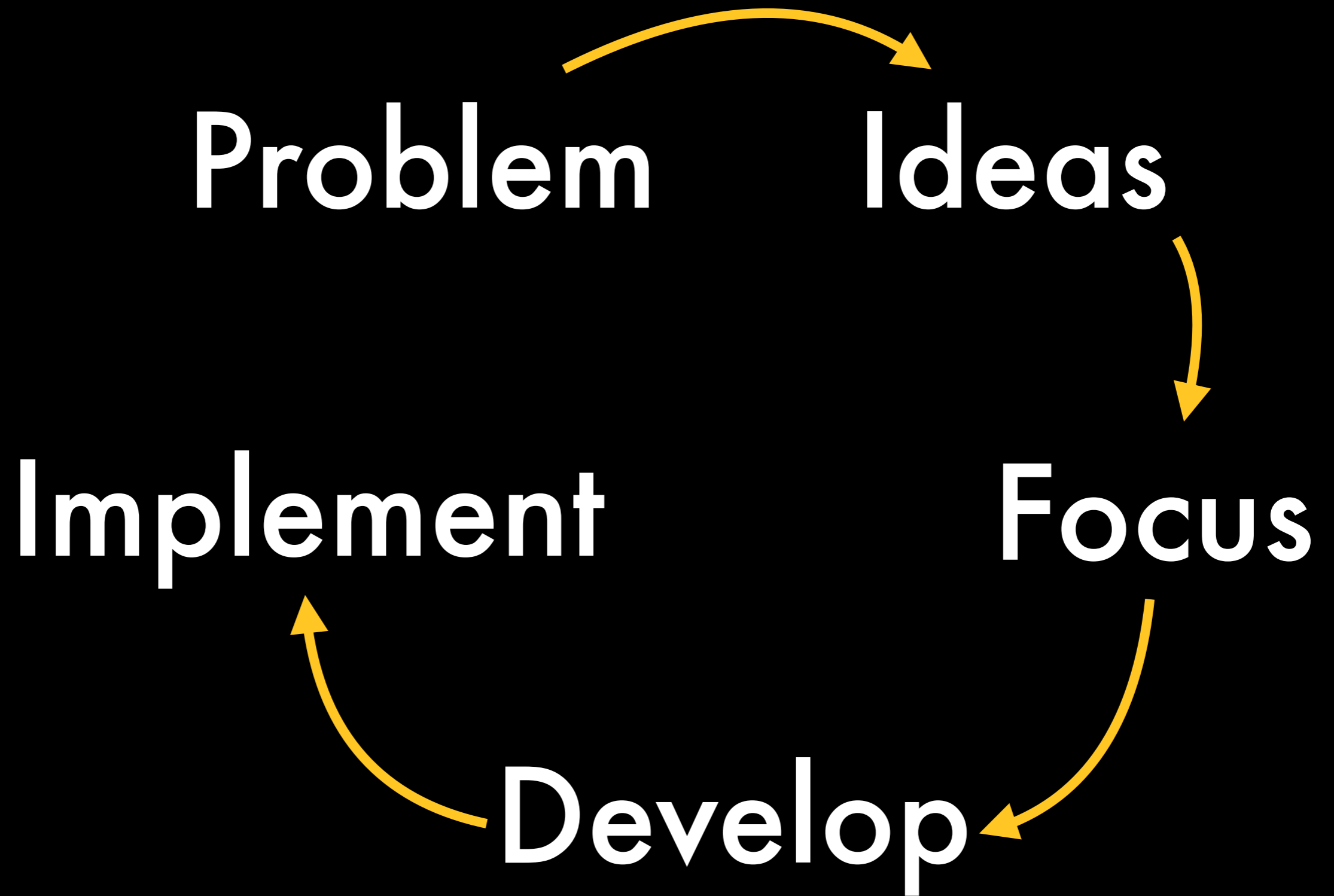
Follow-your-nose testing

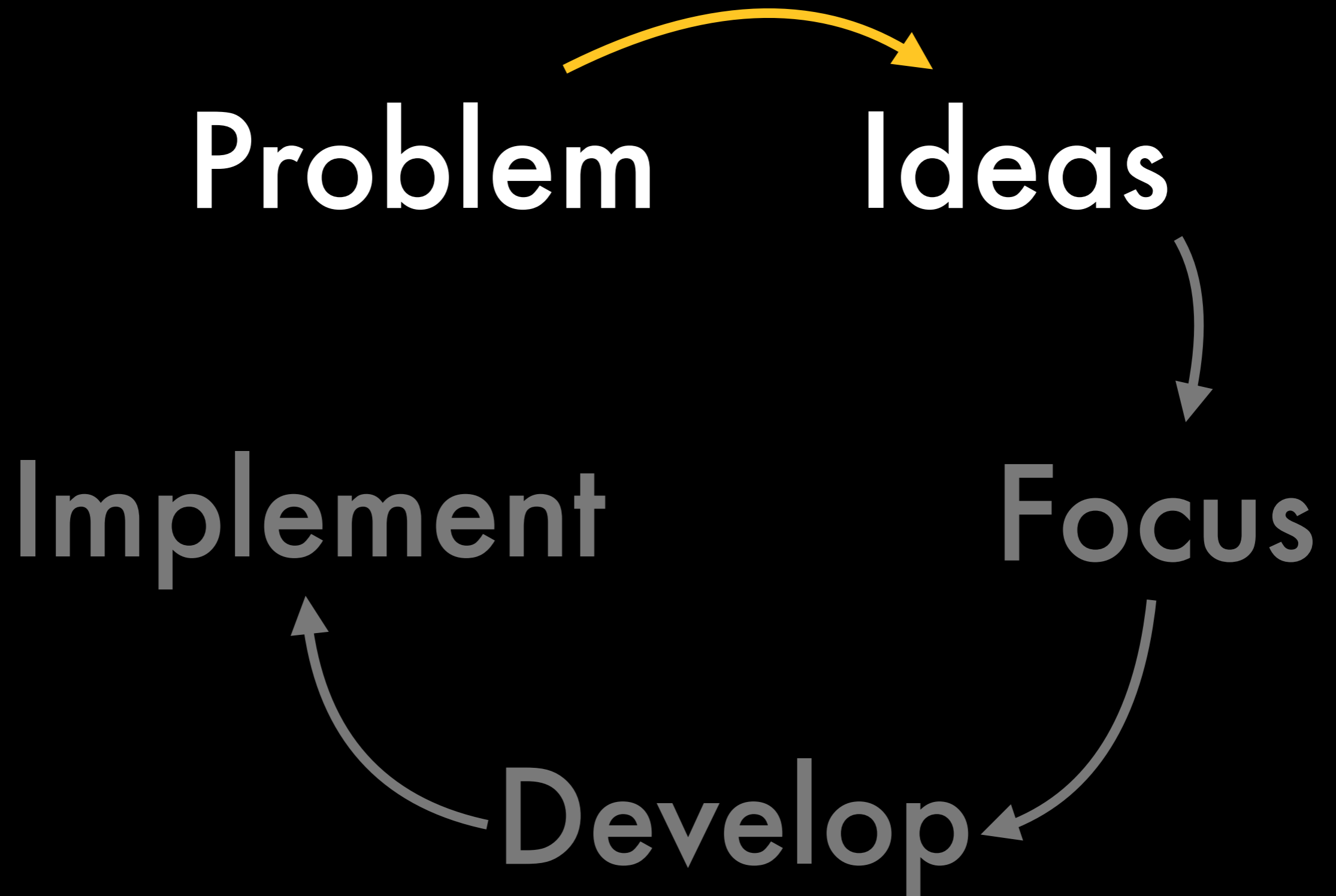
**“[...] being able to
imagine something
beyond what we are
[...] experiencing in the
present moment.”**

**How would you define
innovation in the context of
testing?**

not
technology

Necessity is the mother of
invention





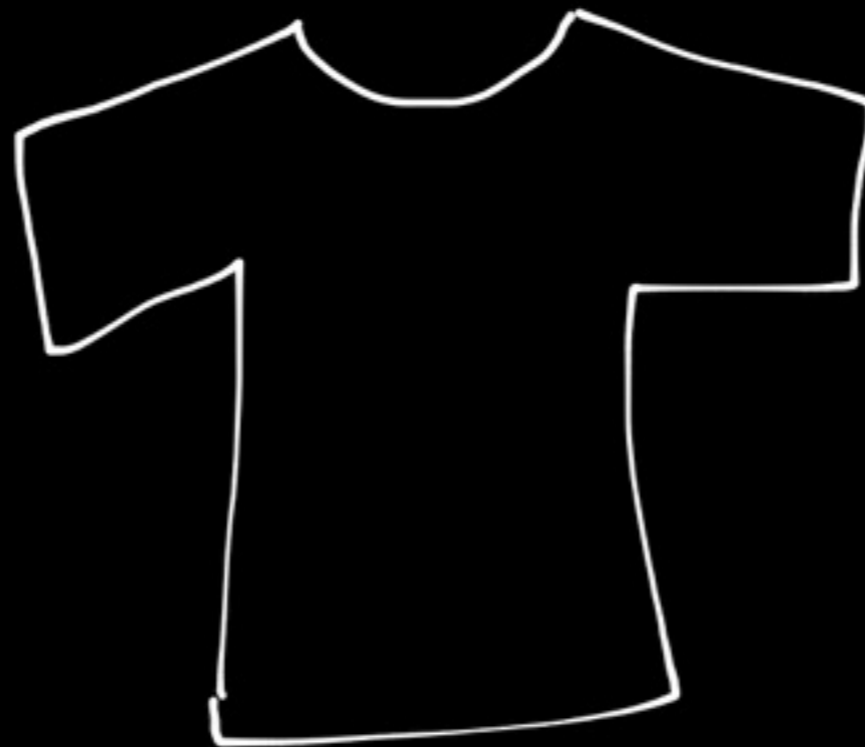
Brainstorming doesn't work

Focus

Inhibition

Cruising

**Write down three uses of a
men's t-shirt**

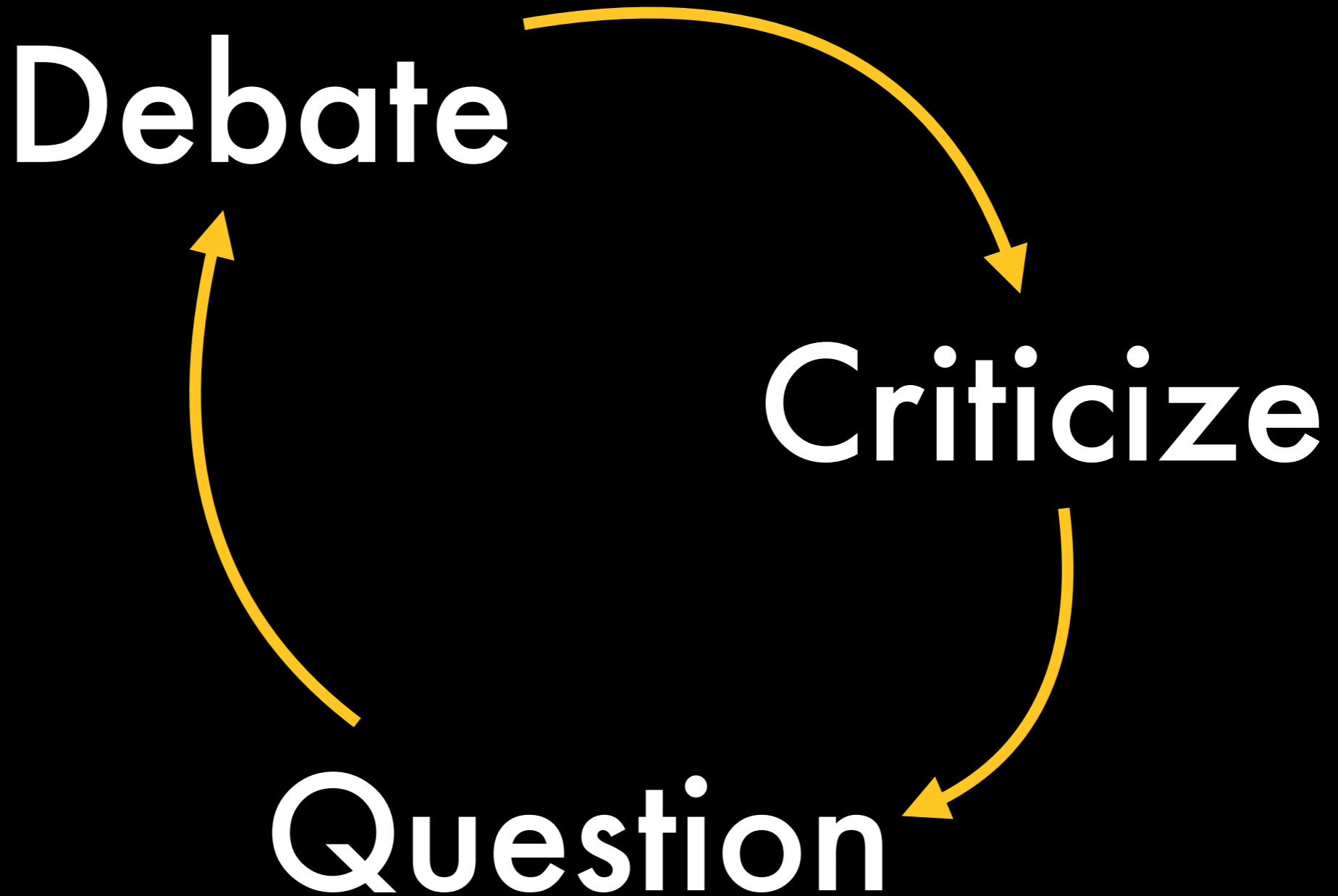


Innovation spurred by collaboration

Debate

Criticize

Question

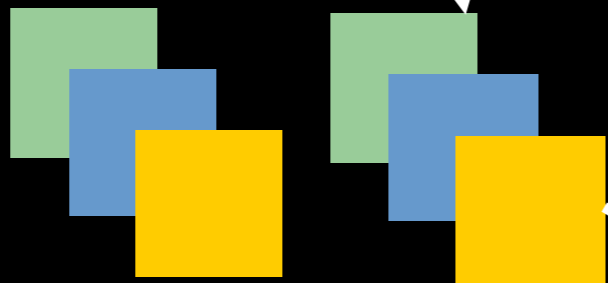


Brainwriting

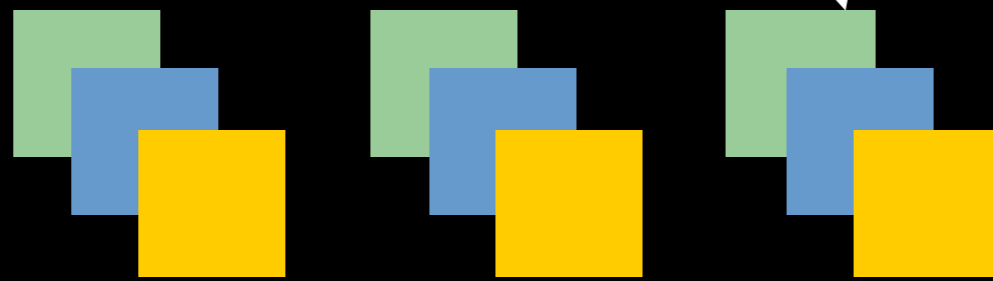
5 min



5 min

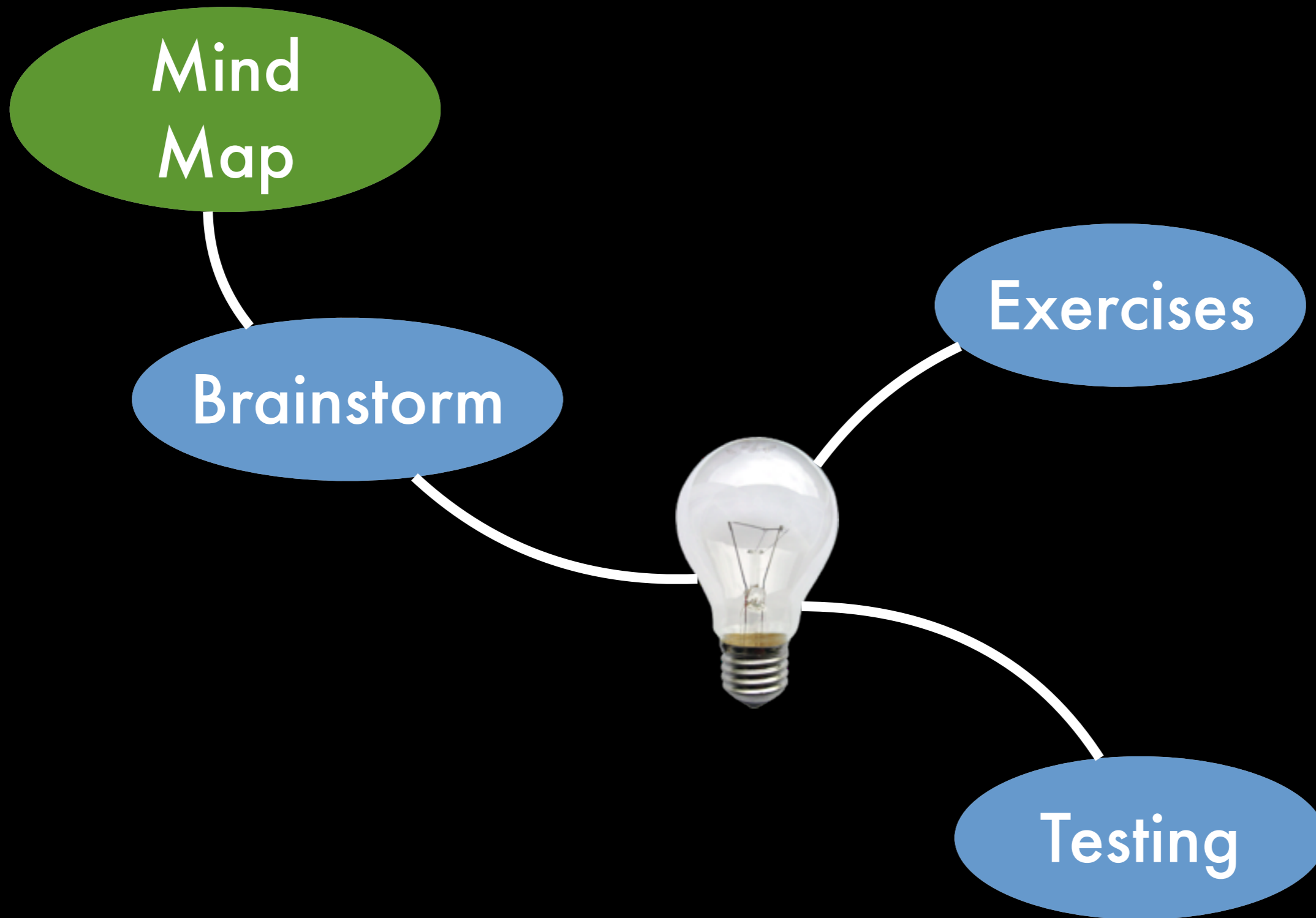


5 min

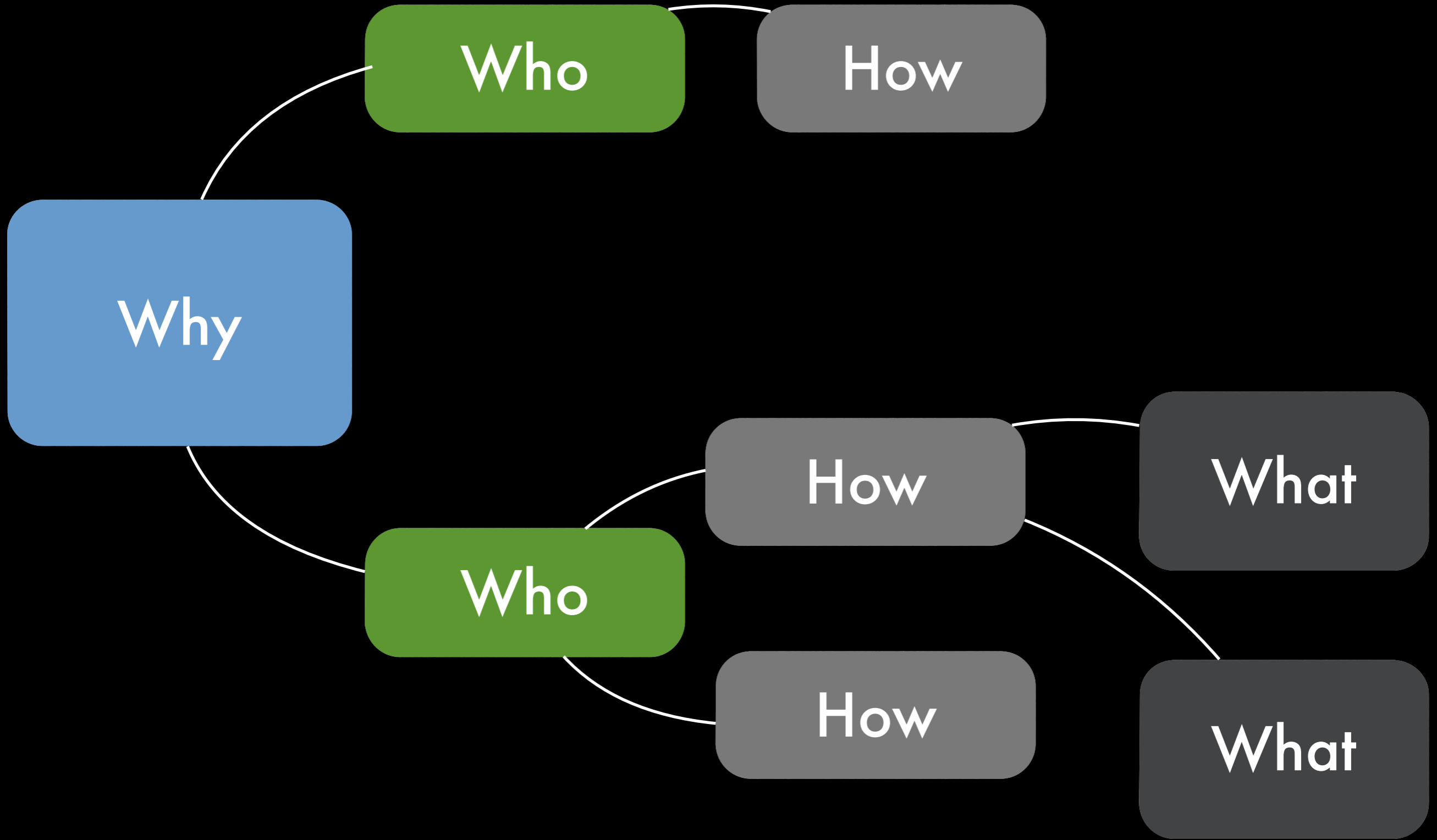


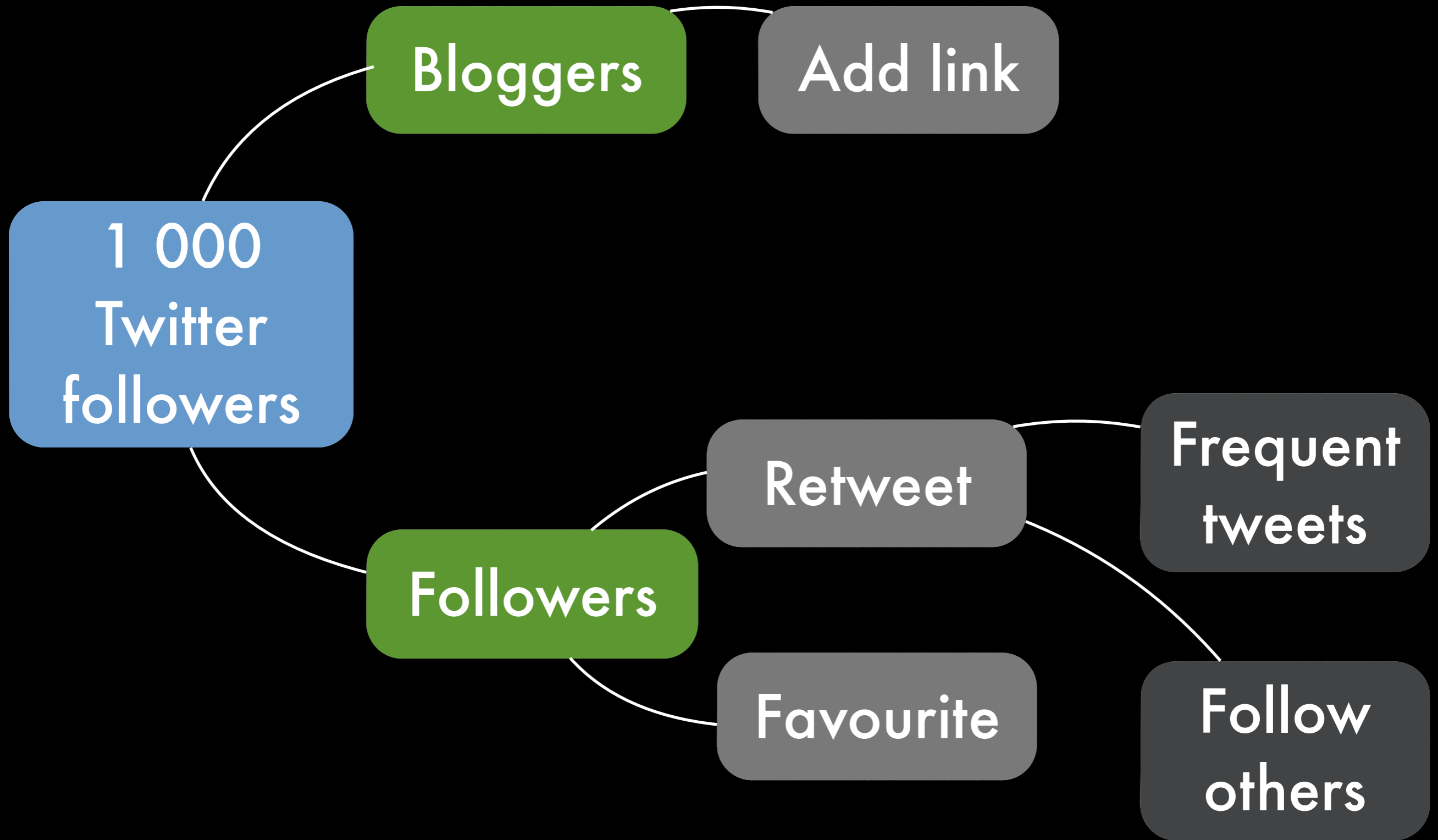
Three new ideas in each round...

Mind mapping



Impact mapping



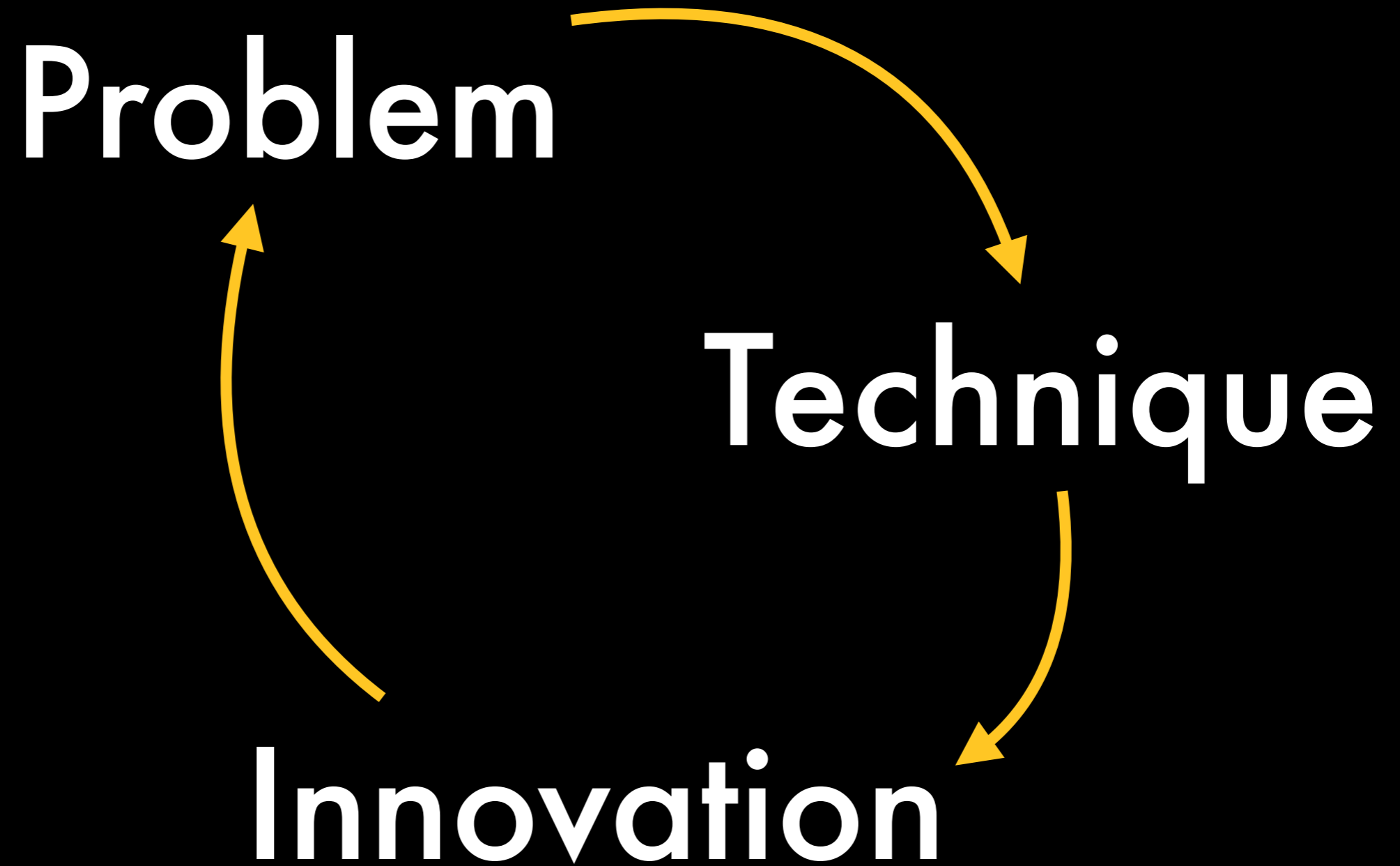


Environment

Trust

Engagement

No fear



Earlier testing

Production-like test data

Compressed test cycles

Compliance or defiance?

Shaping the future of testing

“Be the change that you wish to see in the world.”

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References

- Slide 4: William Shakespeare, from the play *The Tempest*, Act V, Scene I
- Slide 16, 17: *Innovation Generation - Creating an Innovation Process and and Innovative Culture*, Peter Merrill, ASQ Quality Press, 2008
- Slide 36: Mahatma Gandhi

Reading tips

- “The Power of Why”, Amanda Lang
- “Let’s Start a Test Revolution”, article, http://www.pqatesting.com/resource/downloads/Lets_Start_a_Test_Revolution.pdf
- “Pursuing Patterns, Puzzles, and Paradoxes”, Linda S. Gottfredson: <http://www.udel.edu/educ/gottfredson/reprints/2010puzzles.pdf>