

Exploring Time, Play, & Cultural Diversity for Innovative Teaching Ideas

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Objectives



1. Define and discuss creativity / innovation
2. Introduce “Play”
3. Brainstorm ways to teach creativity in the classroom
4. Discuss Time / Practice / Partnerships
5. Change the World

Story from My Teaching in 2008 – 2011 University of Florida

Assignment –
Develop a video
demonstrating the
importance of leisure
in your life.

Be Creative!

Student Response

“If you can tell me
what is creativity (A,
B, & C) I will give you
(A, B, & C)”

Define Creativity

C

‘Big C’ creativity that is associated with technology breakthroughs or art masterpieces demands that creative thinking be paired with significant talent, deep expertise and high levels of engagement in a particular area, as well as the recognition from society that the product has value.

c

‘little c’ or everyday creativity (e.g. creatively arranging family photos in a scrapbook; combining leftovers to make a tasty meal; or finding a creative solution to a complex scheduling problem at work)

(Kaufman and Beghetto, 2009))

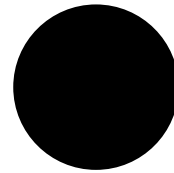
What is Play?

- Lots of academic definitions and debate
 - Intrinsic motivation
 - Enjoyment, fun,
 - Flow



Pre-test

How Innovative Are You?



2nd Correct Answer

Outside The Box
Thinking

Breaking The
Rules

Being Innovative

Group of kindergartners came up with over 50 answers to the test on the previous page

Adults have a hard time coming up with 10

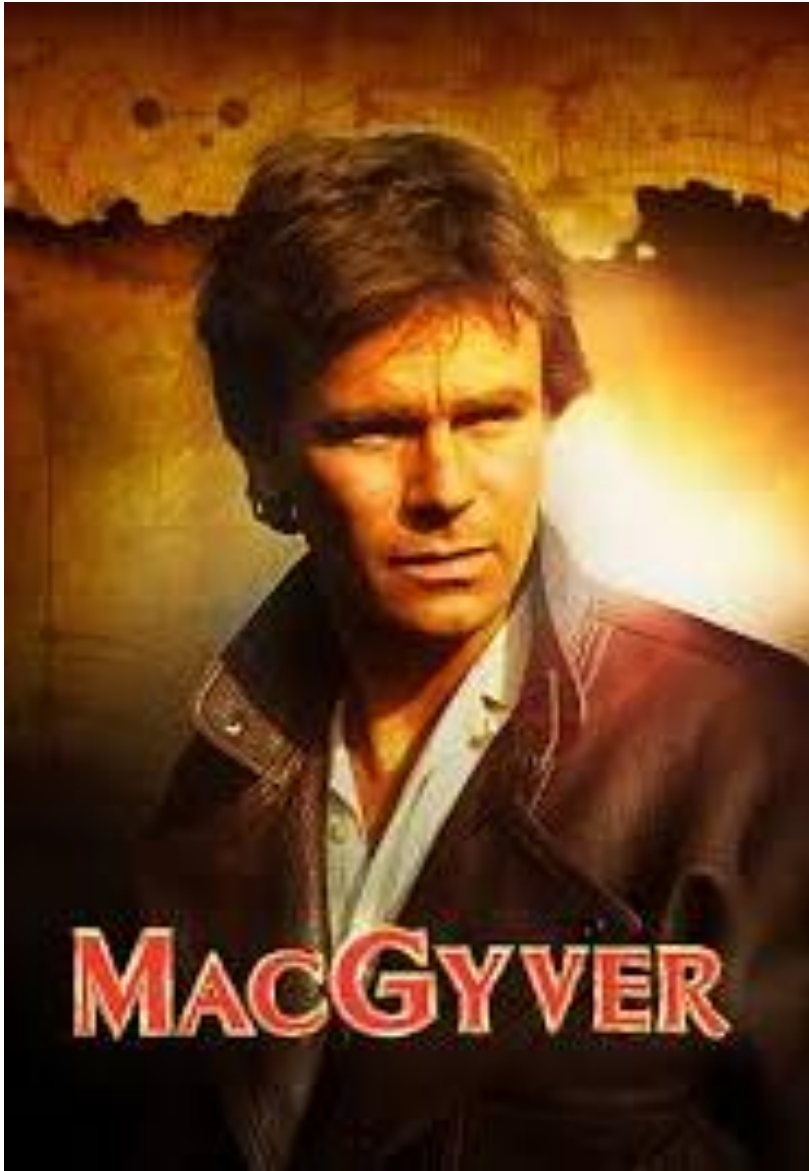
Average college graduate has taken over 2,600 test, quizzes, & exams

Taught to look for the “Right Answer”

Rarely taught to look for the 2nd “Right Answer”

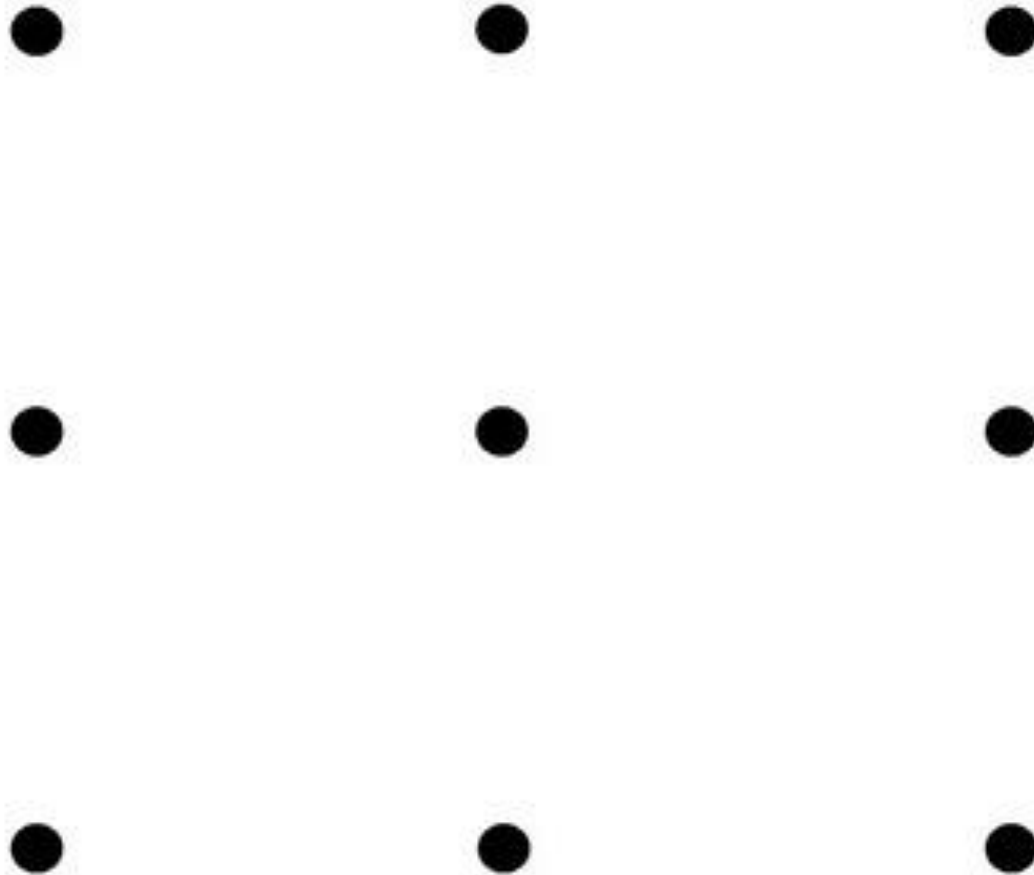
What Could You Do With This?

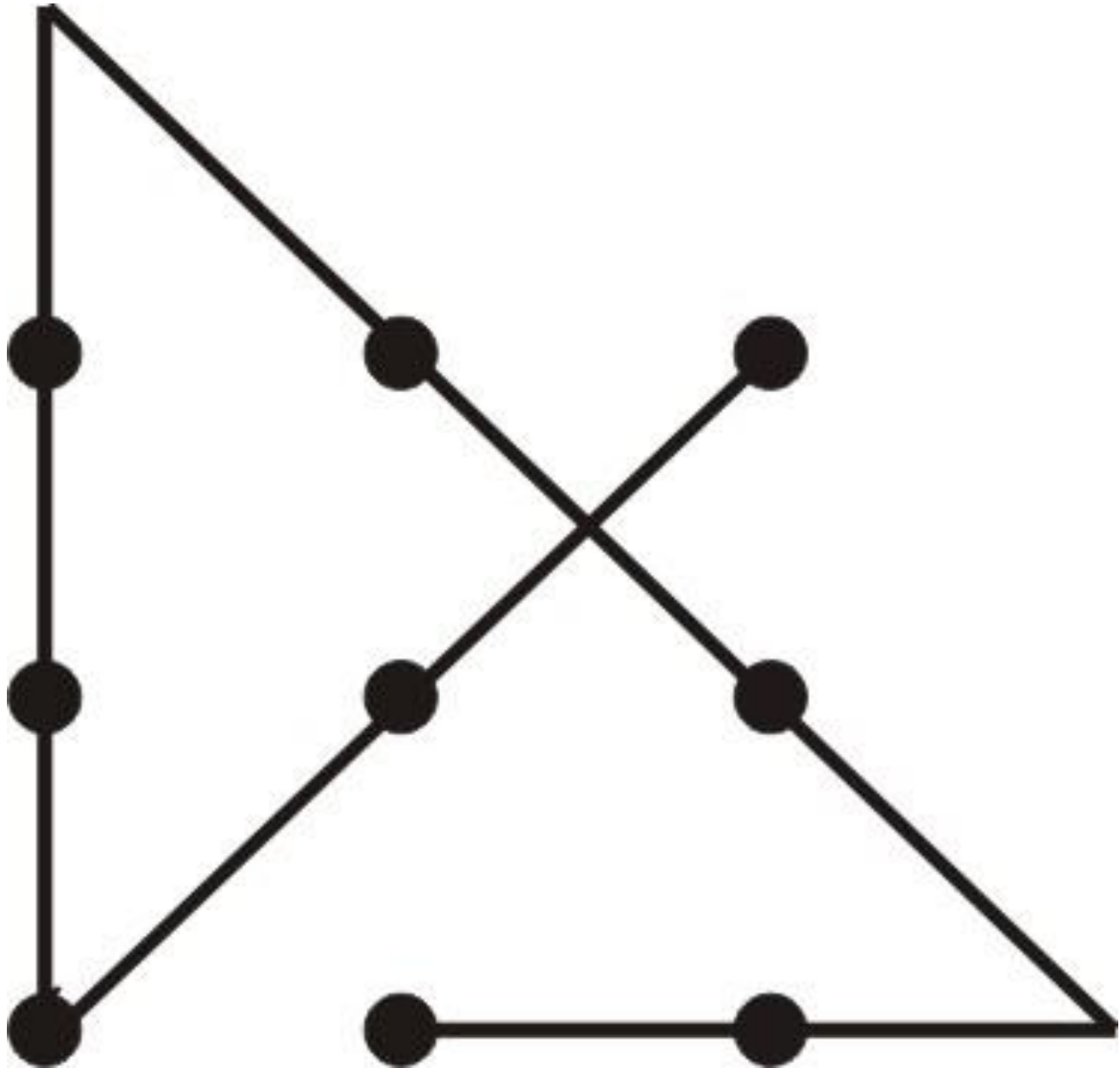




Try the 9-Dot Puzzler

Rules: Draw 4 straight lines crossing through the center of all 9 dots without lifting your pencil or pen.





Creativity

- Introduction of something new
- New idea, method, or device
- Unlock potential

landfillharmonic
The world sends us garbage. We send back music.



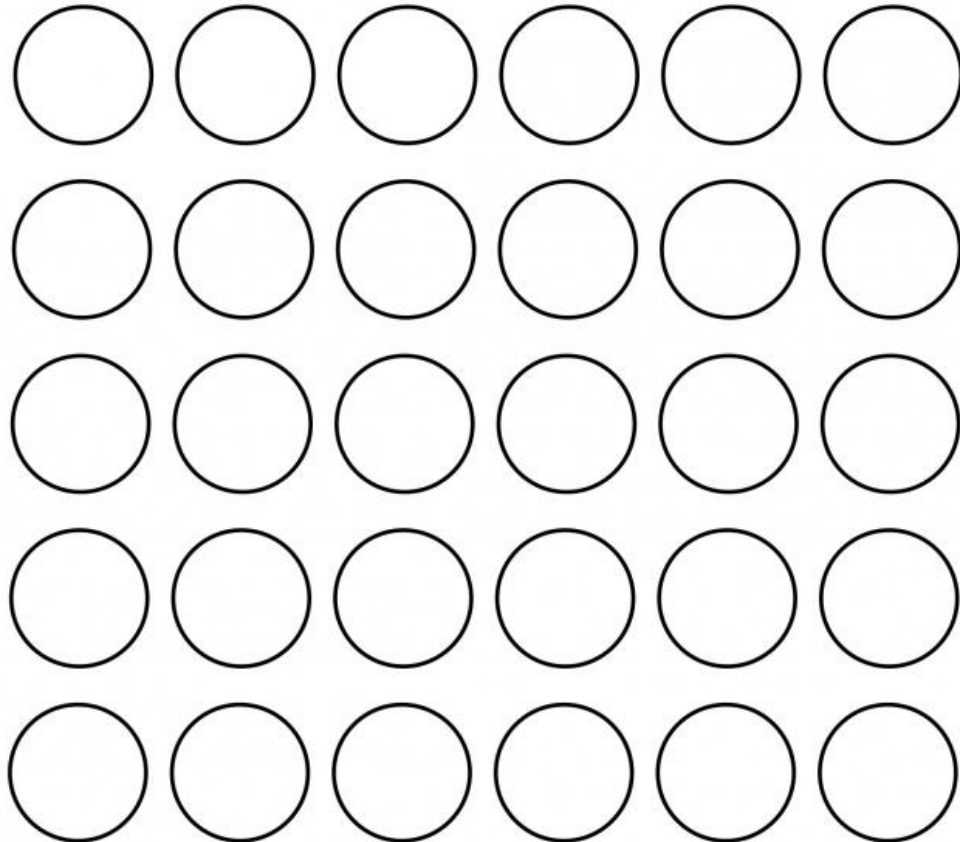
60 Minutes – Landfill Harmonics

- <https://www.youtube.com/watch?v=waxpwDxhxko> 2:45
- <https://www.youtube.com/watch?v=YxUuKthY1dQ> 13:20

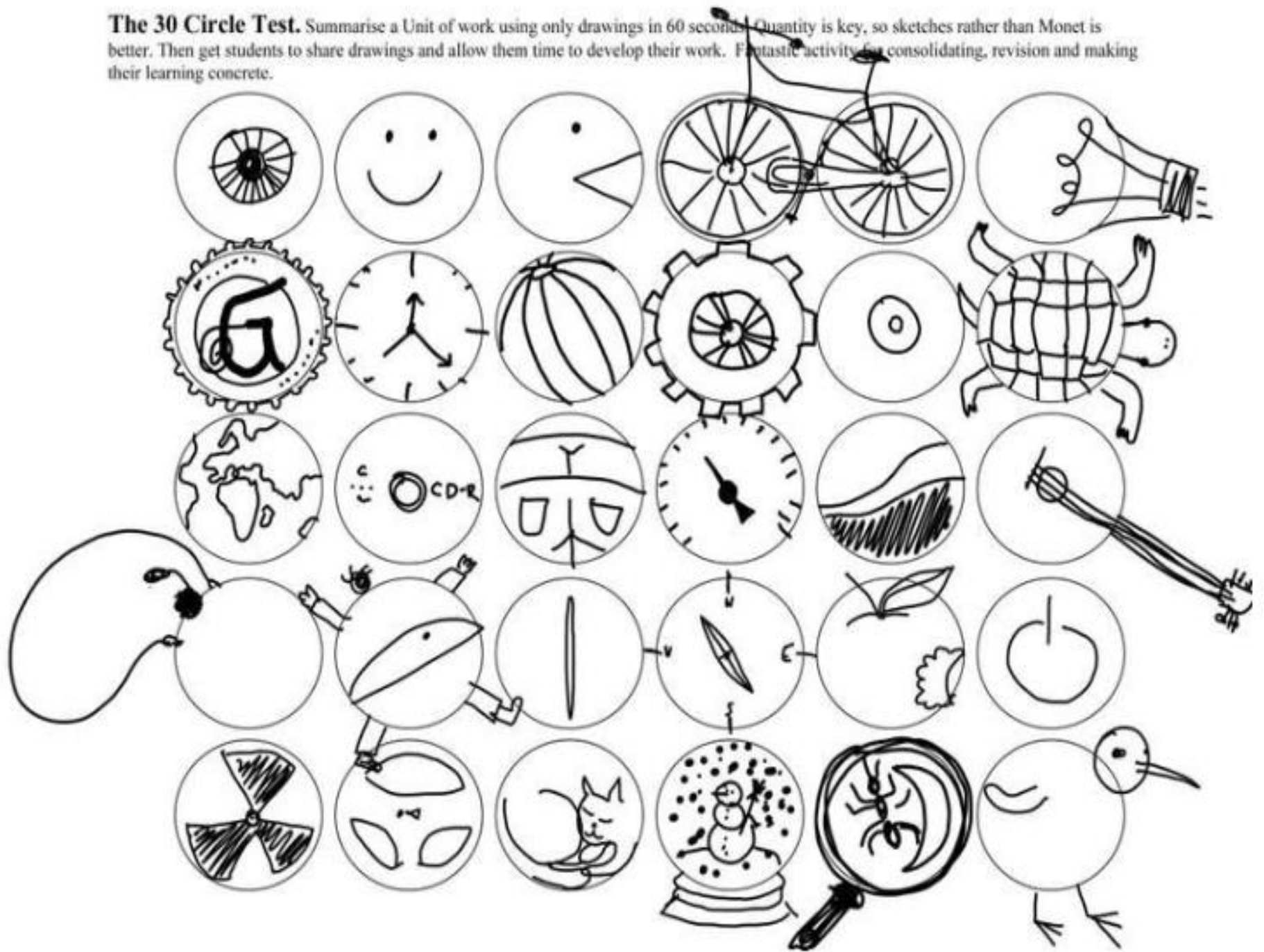
Another Chance To Work On Your Innovation Skills!

30 Circles Challenge

3 Sketch more
14 Collaborate
17 Challenge
Yourself



The 30 Circle Test. Summarise a Unit of work using only drawings in 60 seconds. Quantity is key, so sketches rather than Monet is better. Then get students to share drawings and allow them time to develop their work. Fantastic activity for consolidating, revision and making their learning concrete.



Time & Creativity

- Creativity requires time.

<https://www.youtube.com/watch?v=WDngw5R32WE>



My Experience With Creative Partnerships

- CSI Camp Partnership
 - Lynchburg's Crime Prevention Unit
 - Lieutenant George Royal
 - US Fish & Wildlife
 - VA State Police – EOD Unit
 - VA State Police Arson Unit
- CPTED Conference for Parks
 - VA Crime Prevention Assoc
 - Lynchburg Police
 - Thomas Nelson Comm College





Campers learn to use Virginia's bomb robot with the assistance of the Virginia State Police Bomb Disposal Unit.



Campers learned to identify prints in sand with a special investigator from the Department of Inland Game and Fishery.

Innovative Partnership Brainstorming



- Airport
- Animal Control
- Police & Sheriff
- Fire & Rescue
- Public Works & Public Utilities
- Information Technology

What innovative partnerships can you come up with for each department above?

Airport



Sphere

Round objects such as baseballs experience a medium amount of drag.



Aerofoil

The shape of an aircraft wing minimizes drag.



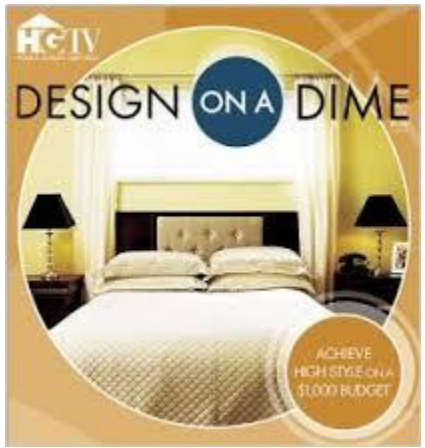


Animal Control





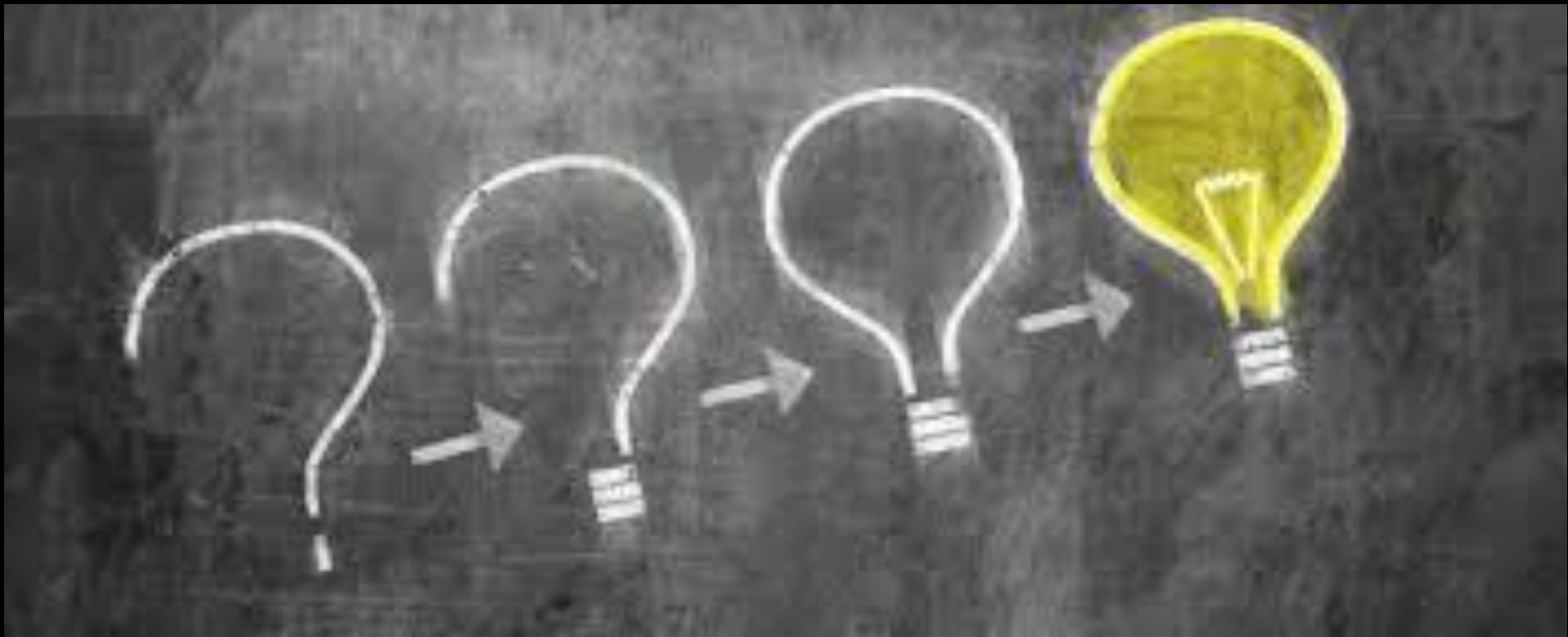
Public Works & Public Utilities



Closing Thoughts



https://www.youtube.com/watch?v=mUIPIGRY_LE



Questions?

Works Cited

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