

Development Difference – Essential Insight for Understanding and Mastering Developmental Project Quality

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Agenda

- Introduce Activity
- Have Fun
- Discuss Observations
- Discuss Implications
- Questions



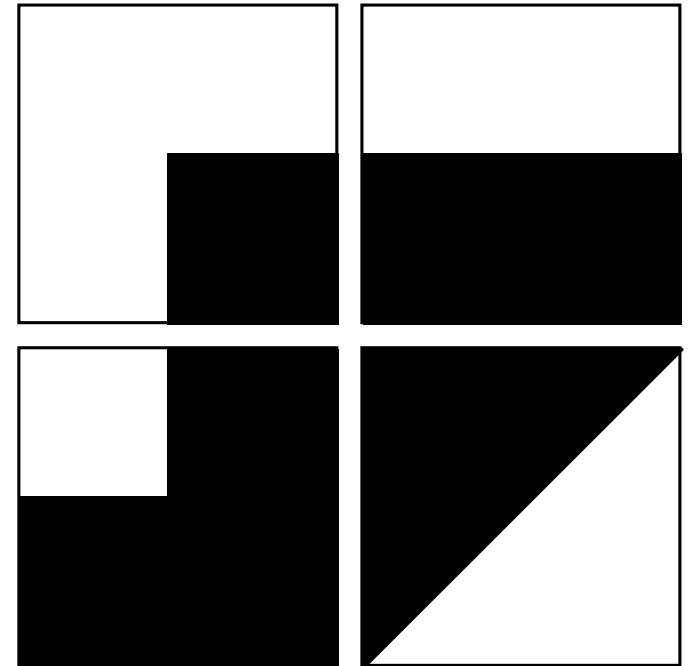
Activity

- Complete a mini-project in 30 minutes
- The project is to solve a puzzle
 - There are thousands of possible solutions
 - You only need to find one
- There's no trick involved, just work...
 - Report progress at 15 and 30 minute points
 - Watch for things that feel like real projects



Requirements

- Use all 64 pieces
- Create an 8x8 piece square
- Place pieces “face-side” up
- Match black and white interior edges
- Don’t modify or trade pieces
- Report completion time when you finish
- Report progress % at 15 minute point
- Report progress % if not done at 30 minutes



Observations

- What reminded you of real projects?
- Was your progress report “accurate”?
 - How did you arrive at % complete?
 - Why did that work / not work out well?
- Why is this activity so different than putting a jig-saw puzzle together?
 - Was “invisible effort” required?
 - Was significant rework required?
- What damage does the “wrong” approach cause?



Implications

- Pure constants and variables are rare in practice
- It is very common to find a single method applied to a mix of task types
 - What happens when “jig-saw” manufacturing measures are applied to creative tasks?
 - What happens when creative methods are applied to purely manufacturing tasks?
 - When a mix is present, what happens to the tasks that align with imposed method?
 - What happens to the “minority” subset within that mix?
- When in doubt about task nature, what is the only safe choice?



Thank you for attending!
Share your experiences at #HWGSEC

