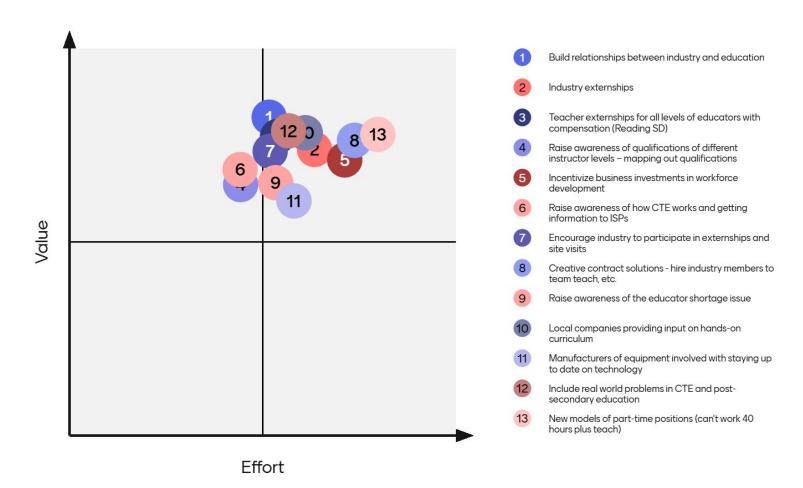


## Southwest Ohio Roundtable Discussion on Instructor Shortages in Manufacturing Career-Technical Education

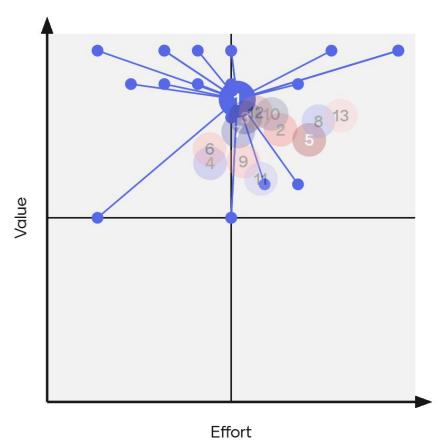
In a roundtable discussion on March 14th, 2025, Advanced Manufacturing Industry Partnership (AMIP) and Ohio Department of Higher Education (ODHE) collaborated to bring manufacturers, educators, and government officials together to determine what opportunities exist to address the shortage of career-technical educators in manufacturing.

Nine educators, five manufacturers, and three government officials brainstormed thirteen opportunities and ranked them on a scale of 1-10 for both value and effort. The following matrix shows the average value and effort rating for each opportunity, with the following pages showing the individual rating spreads.



## Definitions:

- Industry Externships: Manufacturers are immersed in an education setting
- Teacher Externships: Educators are immersed in a manufacturing setting
  - Reading SD: Reading Community School District, which has set the example for Educator Externships that provide payment, professional development, and substitute teachers
- **CTE**: Career-Technical Education
- ISP: Industry Sector Partnership (AMIP is the Ohio Manufacturers Association's endorsed ISP for Southwest Ohio)

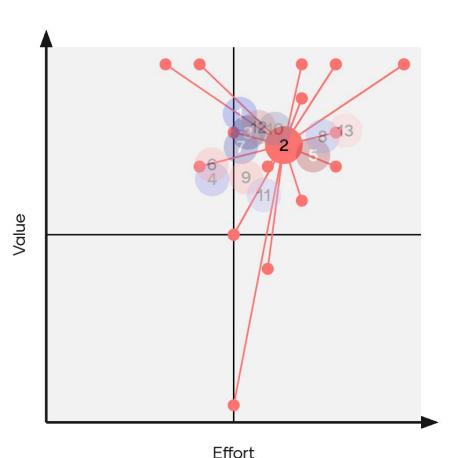




New models of part-time positions (can't work 40 hours plus teach)

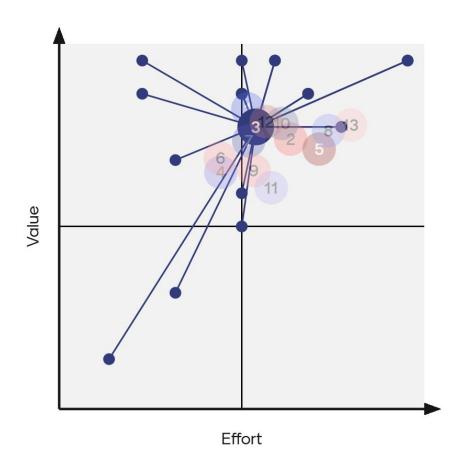
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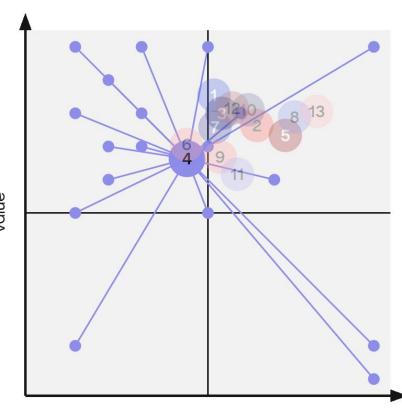


Build relationships between industry and education Industry externships Teacher externships for all levels of educators with compensation (Reading SD) Incentivize business investments in workforce Raise awareness of how CTE works and getting information to  $\ensuremath{\mathsf{ISPs}}$ 6 Encourage industry to participate in externships and 8 Creative contract solutions - hire industry members to team teach, etc. 9 Raise awareness of the educator shortage issue 10 Local companies providing input on hands-on 11 Manufacturers of equipment involved with staying up to date on technology Include real world problems in CTE and post-

New models of part-time positions (can't work 40

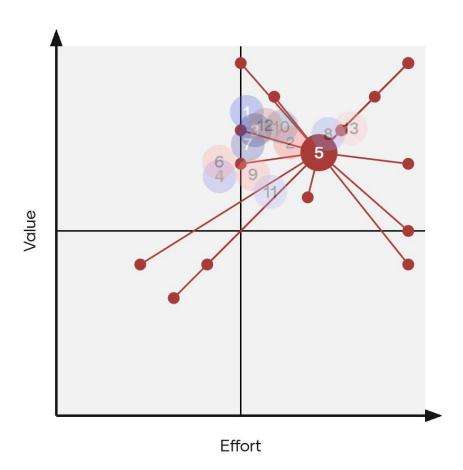


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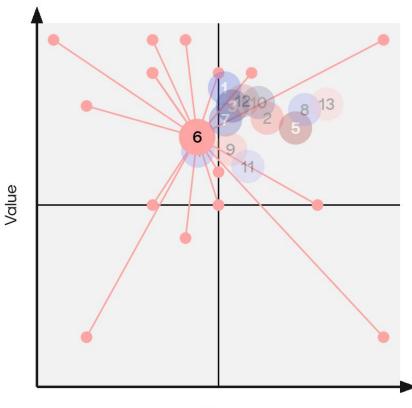


Effort

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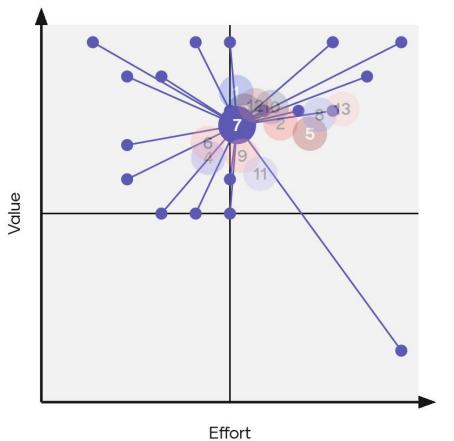


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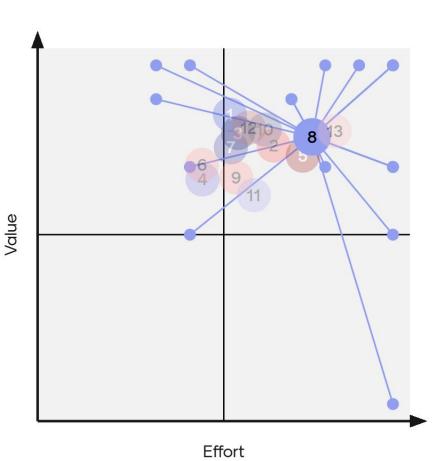
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**Effort** 

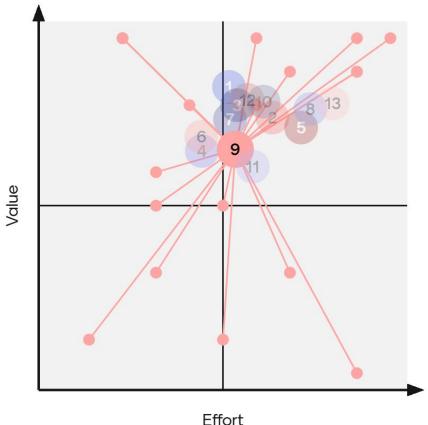


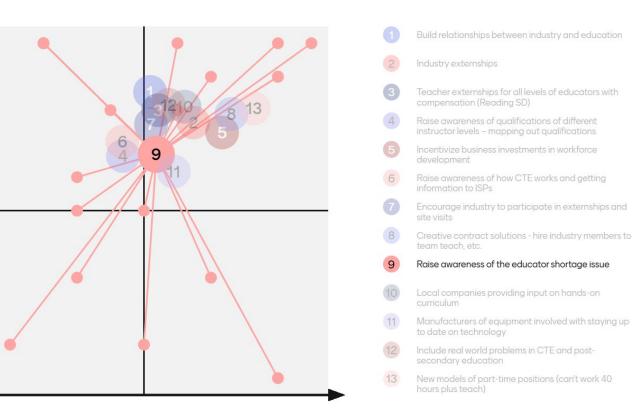
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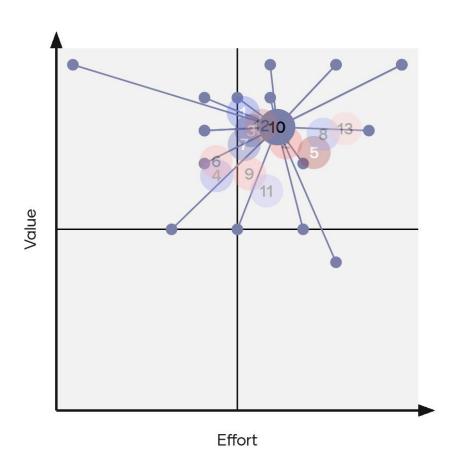
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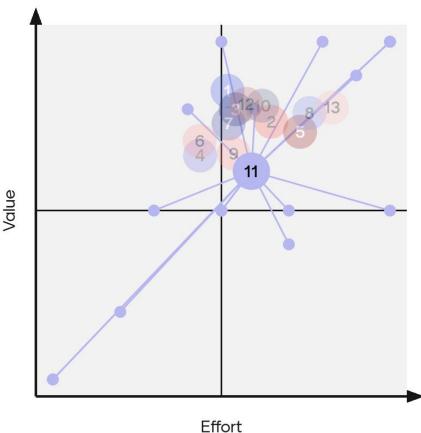
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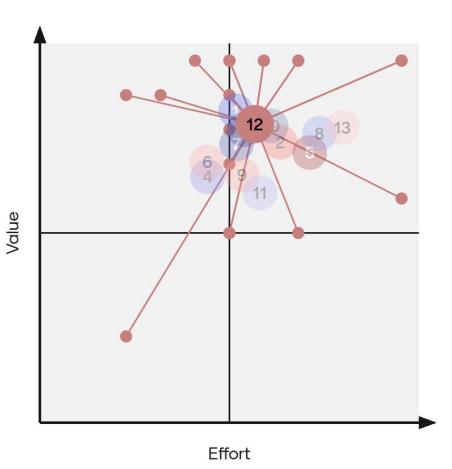




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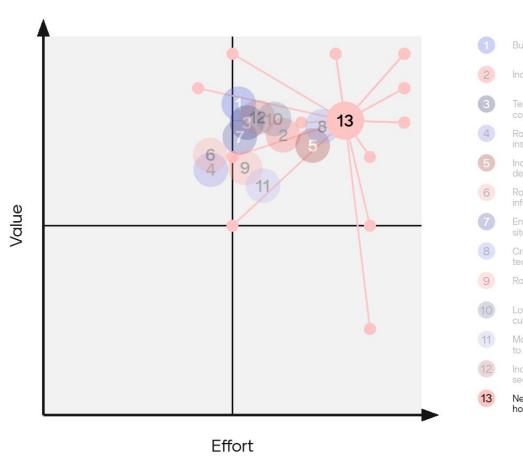




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