



ROLLIN' WITH THE CURRICULUM!

A Contextualized Agricultural Education Curriculum Planning Experience for Undergraduates

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INTRODUCTION & NEED

- SBAE curriculum is driven by context and content (Roberts & Ball, 2009).
- Pre-service teachers need experiences centered on building their self-efficacy and confidence (McKim & Velez, 2017).
- Curriculum and program planning is a key topic pre-service teachers must build confidence in prior to entering the classroom (Ball et al., 2007; Sanders et al., 2023; Smalley & Hainline, 2024).



METHODOLOGY

- Pre-service teachers work in pairs, roll a dice 12 times, and record the results.
- Each dice roll value represents an "input" they must work with for each of the 12 curriculum planning factors discussed in AGEDS 3110: Agricultural Education Methods Lab.
- Pairs work with their inputs to design a course, which includes:
 - Course name and time of year
 - 5 questions to ask stakeholders
 - 10 curricular or community resources
 - 3 end-of-course goals
 - 3 summative assessments
 - A scaffolded course map (3 units with 3 lesson ideas, 3 standards, and 3 resources for each unit)



RESULTS & IMPLICATIONS

- Pre-service teachers gained a lot of confidence in their ability to plan a course from start to finish.
- Low-stakes and engaging activity.
- Started great discussions on items including resource access, community adaptations, and other factors which influence program planning.
- Shared creative course plan ideas.
- Built collaboration and helped them realize planning an entire course does not to be as intimidating as it may seem, and build strategies for troubleshooting possible roadblocks.



FUTURE PLANS & ADVICE

- Continue to include in AGEDS 3110.
- Time could be extended to allow pairs to develop more concrete plans.
- Simulation activities such as this could be facilitated in FFA or SAE courses following a similar approach.



COSTS & RESOURCES

- Dice (<\$2) or free online dice simulator
- Printing out the student sheets (<\$2)
- Student internet access is helpful



"Planning isn't as bad as I thought it would be, it just takes a bit of creative thinking."

"This activity helped me a lot because it shows important concepts that go into making a course curriculum, and I now know that I'm fully capable of doing it."

