

MINI
EDITION

This material is part of the 'Engineering WITH People'
Board Game Series. For educational purposes only;
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WITH Engineering ~~for~~ People

Welcome to Blacktown



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RULES

An RMIT Engineering student has teamed up with a SydWest Representative to chat to some community members from Blacktown. The student has won a grant of \$40,000 to develop an engineering solution to address an issue faced by the community.

The rules are simple:

1. Distribute the 5x cards randomly amongst the players. If there are more players than cards, the extra players can be community members and select an issue of their choice.
2. The RMIT student will lead the group discussion. Listen as each player discusses their issues, and consider potential ways to support them. The aim is to empathise with the community members, and use those insights to inform how you can make the most of the money.
3. With the assistance of the SydWest Representative who can help determine what is feasible, the student will then make a formal proposal about what they will spend the money on.

All players should listen to each other and engage actively in the game. The aim is to use a human-centred approach to ensure that engineering solutions are driven by empathy.

For enquiries or collaboration please contact Spyros Schismenos
(spyros.schismenos@rmit.edu.au)

REFLECTION PROMPTS

Take 10 minutes at the end to discuss these prompts as a group:

- **Could you relate to the character you were assigned to? Why or why not?**
- **Do you think the final outcome was positive? Why or why not?**
- **What was the most memorable moment for you?**
- **What would you do differently if you played the game again?**
- **What skills do you think are needed by engineers when working with the community?**
- **How can engineers contribute to Sustainable Development Goal 10: Reduced Inequalities?**
- **Which Sustainable Development Goal is most relevant to your character?**
- **Any other thoughts or reflections on the experience?**

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- Whew! I am using way more water than previous years, it is just too hot!
- I don't want to, but I am gonna have to put my prices up.
- There's got to be a more cost-saving, environmentally-friendly way.

FARMER

Community Advocate



After 34 years in data analysis, my boss wants me to upskill at Uni.

I know I am a smart man but having to use all of this new technology is making feel so useless.

It's lonely in a class full of young adults. We just don't speak the same language.

MATURE STUDENT

Community Advocate



Everything is so expensive these days and I'm raising a baby alone.

I know there are resources to help, but organising them takes time and energy I just don't have.

I am overwhelmed enough just trying to afford formula for tomorrow.

SINGLE PARENT

Community Advocate



We shouldn't overlook the problems that the older adults of our community face.

Especially in such a culturally diverse area.

Aged care issues are our number one priority.

SYDWEST WORKER

Community Leader



Some call me an idealist but I graduated top of my class for a reason.

I am a problem solver! Show me a dilemma and I will find a creative solution.

Engineers can save the world!

STUDENT

RMIT Representative