



Drafting an emerging picture

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 Community & UN SDG(s): Quality Education – 4, Responsible Consumption and Production – 12, Climate Action - 13
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Instructions:

Using your researched information fill out the flowing comparing the current state of the art with what you think new (software) innovations could bring to the community

Covering the orientations	
Compare the left-hand column of the document “Technology configuration inventory” table with the right-hand column of the document “Community characteristics & orientation” table. What do you notice about the match (or mismatch) between your dominant community orientations and the current configuration of tools?	
How well does the technology inventory cover the orientations? What themes emerged from both the community orientations and the technology configuration from your colleagues’ notes	<p>Most children nowadays in school have access to a mobile phone, whether it be iOS or Android. Because of this, they shouldn’t have any issues navigating the application.</p> <p>The themes include the imperative for educational integration to support curriculum needs and the necessity for an accessible and user-friendly platform catering to a diverse user base. Local relevance is important, emphasizing content that speaks to Saskatchewan’s environmental context. Scalability is an essential feature, as it should adapt to various student levels (grade 5-8 range), while fostering community engagement through collaborative tools. Recognizing potential internet access limitations, the inclusion of offline capabilities ensures accessibility for all students, ultimately enabling the project to effectively fulfill its mission.</p>
<input checked="" type="checkbox"/> Are you almost there? <input type="checkbox"/> Are there big gaps?	There are a lot of websites and learning tools that helps mostly adults calculate their carbon footprint, but nothing that would help children in the Grade 5-8 range, this is where I want to come in and help bring the small, but large gap.
What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?	No “skills” are required for this app, as this will be a simple calculator that allows the user to select and input various things. The application will also give tips and popups depending on what they pick. The prime focus of this project is on SDG 12 and 13, with a lot of it also going to 4, which is Quality Education.
Achieving integration	
Look at all the pieces of your configuration	
What level of integration and interoperability has been achieved?	There are a lot of websites that cater to a lot of very young children or adults, and applications that primarily cater to adults. There is nothing in the “in-between” stage, grades 5-8 which can be seen crucial to properly learning good life aspects.

Where are there big gaps	Gaps include the need for age-appropriate content, user-friendly interfaces, interactive educational tools, and the integration of local environmental data. Addressing these gaps will help create a more comprehensive learning experience and promote sustainability and environmental responsibility among these students.
Balancing the polarities (Current state)	
How is the configuration balanced with respect to each polarity?	
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Synchronous tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Asynchronous <div>...Asynchronous tools?</div>
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Participation tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Reification <div>...Reification tools?</div>
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Group tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Individual <div>...Individual tools?</div>
How well does this balance fit your community?	
Solution seeking	
In the new configuration, do you want your choice of tools to affect the polarities of your community in ways that differ from the current configuration? Which way?	
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...New synchronous tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Asynchronous <div>...New asynchronous tools?</div>
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...New participation tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Reification <div>...New reification tools?</div>
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>> ...New group tools?	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Individual <div>...New individual tools?</div>
MVP notes	
To add visual aid and interactive blocks that helps children and engages them to understand the topic at hand.	