

Systems Thinking in Makerspace Design



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Implementation of a makerspace into a K-12 school



Soft Systems Analysis



“produces models focused on human activities and relevant structures used to explain complex, engineered systems” (Warren, Sauser and Nowicki, 2019).



Boardman and Sauser (2013) “ the skill to build maps of these world of systems” (p. 10).

Why is the makerspace being created?

Researching underlying objectives and goals :



Why implement a makerspace?



Who is the intended audience?



What are the learning goals and objectives for the audience?



What is your budget for the space? Is it a re-occurring set of costs or do they vary?



Where will you set up the makerspace (or is it a rolling lab)?



Who will be the keeper of the space (librarian, gifted teacher, classroom teacher)?



