

DIGITAL PROCESS 3

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week 01

505



tripartite globe

506



walking circle

507



chute tower

508



bottomless tower

509



spinning rooms

510



competing towers

511



stellar weaving

512



locked slices

513



treble-clef tower

514



slab kick

515



piercing structure

516



pillar takeoff

topics

developing primary forms
working with configurations
working empirically vs. working with emergent strategies

Assignment

Your goal is to learn about specific and abstract types of forms and create a typology of shapes. Your findings are to be presented graphically in the form of a mag cloud booklet - (<http://www.magcloud.com/>). You're required reading is Siteless: 1001 Building Forms - this will provide you with an excellent example of the creation and categorization of shapes. While using SolidWorks we will realize how the language of the software's toolset relates to the forms we wish to construct. In addition to learning how to relate what we see to operations in the computer, we will also begin to create shapes simply through exploring different combinations of tools and incorporating SolidWorks parametric capabilities. This booklet will be handed in week 6 and will document the depth of your engagement with the software. Another great example is Sketches of Topology (<http://sketchesoftopology.wordpress.com/2008/07/04/math-in-design/#more-39>).