



Engineering with Paper: Explore Spatial Reasoning and CAD with Simple Supplies #122

Led by Godwyn Morris, Director, Dazzling Discoveries / Skill Mill NYC

### **DETAILED SCHEDULE**

1. Introduce the concepts and explain the research that inspired the Engineering with Paper approach to 3D modeling. 15 minutes
2. Discuss the research about positive outcomes for students who learn and practice spatial reasoning. 5 minutes
3. Present examples of engineering with paper projects and methodology. Discuss physical and digital opportunities to explore spatial reasoning. 10 minutes
4. Hands-on activities. Participants will learn and practice engineering with paper techniques 50-60 minutes
5. Discuss CAD applications and how to implement this with students. 10 -20 min
6. Questions and finishing discussion in time remaining

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