

TEAM MINUTES - 10/30/20

Location: Zoom
Present: ALL
Time: 2:30-4:00
Writer: Jaden Cavender

Agenda Items

1. Met up with martin to best discuss design techniques, considerations for manufacturing, and best ways to model an experiment. Also discussed the use of the labs in the IRIC building for storing and building of materials.
2. Discussed the use of flanges for holding certain parts of the wash box together. Via Rhino, we also inspected the pin-holed gate system in more detail and Discussed how to fit that kind of a gate on the inside of the device.
3. Discussed plinko board system, screen type filtering, and discussed bens overall assembly diagram. The plinko looks good and should be inspected for combination and increased efficiency. Ben's assembly looks great and will be the basis for the testing designs. Tayson's screen idea looks really good, needs further analysis on slope angles, bounce of sand, and how to clean. Screen should be implemented in final design.

Action Items	Owner(s)	Deadline	Status
Prepare parts for 3-d printing/manufacturing, Fluid training	Jaden	11/6	In Progress
Assembly modeling for printing	Ben	11/6	In progress
Working on wiki setup, continued pricing.	Tobias	11/6	In Progress
Continue screen part modeling and communication	Tayson	11/4	In Progress
Design detailing, documentation.	Blake	11/4	In progress
Design for modeling/experimentation	Full Group	11/6	In progress

