Your assignment is to design and build a laptop stand, using foam core and other assorted materials. Your design must support a laptop provided by a member of your team. Your stand should be designed for a particular user of your choosing (i.e. student, child, commuter, miner, dog owner, musician, chief, etc).

Your stand must also incorporate one “additional” feature as selected through a chance drawing. Each team will be responsible for one completed and “fully functional” rapid prototype. Prototypes will then be presented to the rest of the class as a narrative performance.

Your companion device must:

- Use no more than one full sheet of foam core.
- Express its function in a contextually appropriate way
- Successful integrate the laptop and additional design elements into the final form
- Be thoughtfully constructed with attention to detail

In addition to foam core, you may also use a limited range of additional materials provided in the classroom. You may also use found materials around the lab.

Finally, there will be three design phases:

1. **Design planning (about 8 minutes)**
   
   This phase is for scenario planning, device envisioning, and material gathering only. No materials may be “cut into” or assembled during this time.

2. **Rapid Prototyping (15 minutes)**
   
   This phase is for construction, testing, and iteration of your concept. Don’t overly fixate on your first idea. Instead, use the full length of time to evolve your concept and develop a systemic solution and refined scenario of use.

3. **Presentation (2 minutes per team)**
   
   Thoughtful presentations will be rewarded with enthusiastic applause. Team spirit is highly encouraged. Product failures and “bad guys” will be booed and jeered.