

Preliminary design review (Jan31, Feb 3 during lab sessions)

We will meet with each team to assess initial progress. The main objective is to be sure that teams are off & running. We want to talk about any issues (motor testing? brushes? problems with slipping?) and we want to see the following:

Topic	Score*
Team organization: Listed on wiki on Coursework with names, email. Got photo? Also, how are you dividing your efforts? What are your report writing plans?	
Prototype(s) status – Show us what you have and what you've learned from it.	
Evidence of design space exploration – Alternatives? Sketches, photos, etc. What concepts have you considered?	
Forces, loads – Beginnings of FBD. Consideration of forces between crawler, track, loads. Plans for getting quantitative. How would you assess worst-case gear tooth?	
Transmission – Current thoughts about transmission ratios, efficiency and plans for testing to characterize the overall transmission system + motor, and to increase efficiency.	

Consensus score: _____

*** It doesn't make sense to use a finely graded score for this preliminary review so we will use the Stanford GSB scale: [I, P-, P, H]**

I = Incomplete – Fix it and make appointment to review this item in office hours.

P- = Pass minus – OK but something missing or perhaps a bit sketchy...

P = Pass – Good, you seem to be on track.

H = Honors – Exemplary. Exceptionally thorough and well explained.

Team members:

1. _____
2. _____
3. _____
4. _____

Comments for the team: