

Design Considerations and Rules

- How will the sled be pulled?
 - If by rope, will it be tied to the sled and if so, how will the sled design accommodate a rope being tied to it? If the rider will just hold onto the rope, what will prevent the rider from being pulled off the sled? Consider building stirrup for the rider's feet into the sled.
 - If by the harness, similar questions to above need to be considered.
- How much tape should be used to support cardboard? How should the tape be oriented with respect to the direction of travel?
- Should the front edge of the sled be raised?
- What type of surface will the sled travel over? What material on the bottom will result in the least friction between the sled and the course? Should a portion of the cardboard be left to come into contact with the ground? Would putting some other material like a fabric on the bottom help? What available material will result in the least friction with the base of the race course? What material (whether available or not) do participants think would be the ideal material to use on the bottom of their sled?
- Use of the cardboard - the cardboard can be cut, folded or otherwise utilized however the team sees fit.
- Riders cannot be taped to the sled, though a portion of the sled could be created where the tacky side of the tape is face up. That tack might be enough to keep a rider on the sled without having to hold onto it.