

PE for ME: Images from class 6.



The second portion of class was devoted to a peer review of class projects. Students displayed working prototypes of their designs that classmates could explore, learn to use, and comment on the design, its viability, usability and physical intelligence “quotient”. A prepared questionnaire was used that each student would receive written commentary by all other students.



Etan: Instrumented Baseball Bat

Instrumented bat providing feedback on swing speed and technique, using accelerometers, audio feedback, etc.



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Ben Su: Variable Resistance Wheelchair Treadmill

Affordable, easily accessible treadmill device includes variable resistance.



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Yuan: "Programmable" Tabletop Rehab Device

Inexpensive version of stroke rehab device allows retraining of a variety of arm movements.



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Ben: "Rollerballs"

Bearing casters set on wood hand-holds creates new challenges for common exercises such as push-ups. Also offers possibility of exploring new movements.



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Tyler: Snowboard Training Harness

Simple single-point shockcord harness system allows dry-land training of aerial snowboarding skills.



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Greg: "Airhead" Backstroke Support

Modified kickboard supports head and neck for easy learning of backstroke/floatation. Also offers protection from crashes into pool wall.



Kyle: "Waterskates"

Hinged boots simulate skating action by offering one-way resistance in the water.



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