

IB Design Technology

Summer Assignment

Welcome to IB Design Technology. I would like to you gain a sense of the scope of the Design Project that you will be working on throughout the class. Please read through and assess an example design problem. Use the scoring rubric to rate the project based on the given criteria and give examples of how the individual could have scored higher.

Sample Design Project: <http://bit.ly/2u6BX6M>

Fill in Rubric <http://bit.ly/2trJRKu>

Please Read Chapter 1 Human Factors (pages 1-15)

<http://bit.ly/2602P8R>

Take notes and focus on the following topics:

- Human Factors, Ergonomics, and Anthropometric data
- Graph for range of adjustability Figure 1.1a.6
- Psychological factors affecting design chart Figure 1.1b.1
- Flow chart representation of the human information processing system 1.1b.2/3
- Find one example of the following scales (picture or chart)
 - Nominal
 - Ordinal
 - Interval
 - Ratio data scales
- Physiological data collection chart Figure 1.1c1.

Answer Sample Questions 1-15 at the end of the chapter.

Please email fzegar@wmrhdsd.org with any questions. We will be moving forward and working with this material on the second day of class.