

Assignment 1

1. Textbook: Question 1.9
2. Design Analysis: Ice cream scoops

Search for images of different designs of ice cream scoops select 5 different designs and create a table that ranks from 1 to 5 (best to worst) those 5 designs with regard to 10 criteria that you choose from Chapter 1 of your textbook. Make sure the design in item 3 of assignment is NOT one of the five.

3. New Age Ice Cream Scoop

Visit the following web sites, read descriptions, watch the video and study the images.

<https://www.core77.com/posts/27686/Aerospace-Engineer-Designs-the-Perfect-Ice-Cream-Scoop>

<https://www.kickstarter.com/projects/midnightscoop/the-midnight-scoop?ref=video>



Using knowledge gained through class discussions, your own reading of the textbook and materials contained on the links above write an essay and analyze the design from the viewpoint of the same criteria you defined in item 2.

4. Use Google scholar to identify a professional publication that deal with the design of a scoop or closely related item. Make sure you can find a PDF version of the publication. Copy the abstract and professional citation of the paper in your report

5. Submit your report along with the PDF version of the paper in item 4, and any other supporting document. Do not forget to follow the standard submission guidelines for the class. Deadline is 5:00 PM, Monday February 22nd.