

Grade 7 Science Structures **Products – Design, Manufacturing and Sales**

Name: _____ Class: _____ Date: _____

What are Products?

What are some products that you use every day?

How did you get them?

Where did they get made? How can you find out?

Read the article posted on the blog. Make notes on the following topics based on the information in the article.

Design Factors

1. For each of the six headings for the section on Design Factors, write at least one question that you thought was a good one and add at least one of your own that would help in the design of a product.

Individual Users:

Society:

The economy:

The environment:

Safety and Health:

Legal Aspects:

2. Why does the company do Market research after all their brainstorming?

Manufacturing Factors

1. For each of the four headings for the section on Manufacturing Factors, write at least one question that you thought was a good one and add at least one of your own that would help in the design of a product.

Suitability of Materials:

Availability and cost of material:

Shipping Costs:

Disposal:

We will not be doing the “TRY THIS” activity but you can read through it to get an idea of the process.

Sales Factors

3. For each of the six headings for the section on Sales Factors, write at least one question that you thought was a good one and add at least one of your own that would help in the design of a product.

Packaging design, displays and labeling:

Sale price:

Advertising:

Customer Support: