

Sec 2 Science – Ch. 5 Key Concepts

7.0 What are force, deformation, materials, equipment, and guiding controls? (p194)

Technical Diagram (p195)

Design Plan (p195)

Specifications (p195)

7.1 Characteristics of a system (p196-200)

Function, Controls, Inputs, Processes, Outputs

Examples: sailboat, airplane, lawn mower, car.

7.2 Components of a system (p204)

Examples: sailboat, airplane, lawn mower, car.

7.4 Energy Transformations (214-218)

Examples: Food, photosynthesis, hydroelectricity, cooking

Practice: problems in 7.1, 7.2, & 7.4