

Technology 7 Study Guide

Spring 2019

Below is an overview of the chapters we have covered this year with subtopics for each. The best tools to study from will be their quizzes, test your knowledge questions, and vocab from each chapter. The students were instructed to keep all of these materials but review pages in the textbook will be provided below.

Chapter	Subtopics	Review Pages in Textbook
Chapter 1: Technology and You- An Introduction	-Understanding Technology -Old and New Technology -How Science and Technology are Related	19-20
Chapter 2: Generating and Developing Ideas	-Solving a Problem -The Design Process -Elements of Design -Principles of Design	50-53
Chapter 3: Communicating Ideas	-Communication System -Forms of Communication -Drawing Techniques -Computer Aided Design	76-79
Chapter 4: Materials	-Properties of Materials -Types of Materials	105-108
Chapter 5: Processing Materials	-Shaping Materials -Joining Materials -Finishing Materials -Material Handling and Storage	141-144
Chapter 6: Structures	-What Structures Have in Common -Types of Structures -Forces Acting On Structures	161-163

	-Designing Structures to Withstand Loads	
Chapter 7: Construction	-The Structure of a House -Planning for a Home -Systems in Structures	186-189
Chapter 8: Machines	-Simple Machines -Pressure -Mechanism	220-224