



Recycling & Alabama's Course of Study

1st Grade

- Science, 9: Identify ways to conserve Earth's resources
- Science, 10: Describe uses of recycled materials
- Social Studies, 5: Label human-made and natural resources in AL
- Social Studies, 7: Identify ways to take personal action to protect the environment

2nd Grade

- Social Studies, 5: Explain the relationship between the production and distribution processes
- Social Studies, 6: Identify human-made and natural resources in the world
- Social Studies, 7: Describe ways people throughout the world are affected by their geographic environments
 - Identifying positive and negative ways people affect the environment

3rd Grade

- Science, 2: Identify physical and chemical changes of matter
- Science, 13: Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment.
- Social Studies, 5: Identify national and international trading patterns of the United States

4th Grade

- Visual Arts, 2: Use traditional and digital media in the production of graphic design to communicate ideas and feelings
 - Example: designing posters, book covers, or logos on the themes of recycling

5th Grade

- Health, 3: Describe ways individuals, businesses, and communities protect the environment

6th Grade

- Science, 2: Describe factors that cause changes to Earth's surface over time
 - Example: Extraction of natural resources

7th Grade

- Social Studies (Living In My World), 7: Describe the relationship between the consumer and the manufacturer in the US economy regarding scarcity, opportunity cost, trade-off decision-making, characteristics of a market economy, and supply & demand
 - Describing effects of government policies on the free market
- Social Studies (Citizenship), 12: Explain how the US can be improved by individual and collective participation
 - Applying a problem-solving model to a community project, including constructing a policy statement, budget, and an action plan to achieve one or more goals related to an issue of public concern
- Social Studies (Geography), 8: Describe positive and negative environmental effects of human actions on the four basic components of Earth's physical systems
- Social Studies (Geography), 9: Analyze environmental consequences of major technological changes in human history for both intended and unintended outcomes
- Social Studies (Geography), 11: Compare distribution of natural resources in various parts of the world by mapping locations of major deposits\
- Social Studies (Geography), 12: Describe problems involved in balancing the impact of human habitation on the environment and the need for natural resources essential for sustaining human life

8th Grade

- Career Cluster Technologies II, 4: Critique the cultural, social, economic, environmental, political, and historical effects of technology
 - Describing how technologies are devised to conserve water, soil, and energy (Examples: reusing, reducing, recycling)

9th-12th Grades

- Science (Environmental), 9: Describe land-use practices that promote sustainability and economic growth
 - Identifying ways to manage waste, including composting, recycling, reusing, and reclaiming
- Agriculture, Food, and Natural Resources (Agriscience), 8: Identifying methods for conserving the environment. Identify methods for conserving the environment
 - Explaining the importance of natural resources
 - Describing techniques for recycling, reusing, and reducing the use of natural resources

- Agriculture, Food, and Natural Resources (Environmental Management), 4: Describe methods of managing various types of waste
 - Describing factors to be considered in preparing a waste management plan
- Agriculture, Food, and Natural Resources (Environmental Management), 11: Describe land use practices that promote sustainability and economic growth
 - Identifying ways to manage waste, including composting, recycling, reusing, and reclaiming
- Arts, A/V Technology, and Communication (Binding and Finishing), 14: Demonstrate paper handling techniques, including inventory, brick stacking, storage, waste control and disposal, and recycling.
- Human Services (Fashion), 18: Evaluate a variety of methods for recycling and redesigning apparel
- Transportation, Distribution, and Logistics (Automotive Heating and A/C), 13: Demonstrate procedures for correcting air-conditioning system refrigerant problems
 - Example: identifying, evacuating, and recycling the refrigerant
- Marketing, Sales, and Service (Marketing Principles), 5: Explain economic concepts, international trade, and the free enterprise system in a global economy
 - Determining the interrelationship of business, government, and individuals
 - Assessing the role of government in a free enterprise system
 - Analyzing the use of natural resources and recycling in economic systems
- Social Studies (World Geography—Physical), 5: Describe the consequences of deliberate and inadvertent human activities in altering the local and global environment
- Social Studies (World Geography—Physical), 6: Describe long-term management and policies aimed at protecting Earth’s resources

