

Arizona Department of Education Academic Standards

The *Too Good to Throw Away!* program for grades 3-5 addresses the following Academic Standards. (Complete versions of the Academic Standards are available at <http://www.ade.state.az.us>.)

SCIENCE STANDARDS	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION
SC03-S1C1-01 Formulate relevant questions about the properties of objects, organisms, and events of the environment using observations and prior knowledge.	✓	✓		✓
SC03-S1C2-04 Use metric and U.S. customary units to measure objects.	✓		✓	
SC03-S1C2-05 Record data in an organized and appropriate format (e.g., t-chart, table, list, written log).	✓	✓	✓	
SC03-S3C1-02 Describe the beneficial and harmful impacts of natural events and human activities on the environment (e.g., forest fires, flooding, pesticides).				✓
SC03-S6C1-06 Describe ways humans use earth materials (e.g., fuel, building materials, growing food).				✓
SC04-S1C2-04 Measure using appropriate tools (e.g., ruler, scale, balance) and units of measure (i.e., metric, U.S. customary).			✓	
SC04-S1C2-05 Record data in an organized and appropriate format (e.g., t-chart, table, list, written log).	✓	✓	✓	
SC04-S3C1-01 Describe how natural events and human activities have positive and negative impacts on environments (e.g., fire, floods, pollution, dams).				✓
SC04-S3C1-02 Evaluate the consequences of environmental occurrences that happen either rapidly (e.g., fire, flood, tornado) or over a long period of time (e.g., drought, melting ice caps, the green house effect, erosion).				✓
SC04-S3C2-02 Describe benefits (e.g., easy communications, rapid transportation) and risks (e.g., pollution, destruction of natural resources) related to the use of technology.				✓
SC04-S4C3-01 Describe ways various resources (e.g., air, water, plants, animals, soils) are utilized to meet the needs of a population.				✓

SCIENCE STANDARDS CONT	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION
SC04-S4C3-02 Differentiate renewable resources from nonrenewable resources.	✓			✓
SC04-S4C3-03 Analyze the effect that limited resources (e.g., natural gas, minerals) may have on an environment.	✓			✓
SC04-S4C3-04 Describe ways in which resources can be conserved (e.g., by reducing, reusing, recycling, finding substitutes).	✓	✓	✓	✓
SC05-S1C2-04 Measure using appropriate tools (e.g., ruler, scale, balance) and units of measure (i.e., metric, U.S. customary).			✓	
SC05-S1C2-05 Record data in an organized and appropriate format (e.g., t-chart, table, list, written log).	✓	✓	✓	
MATH STANDARDS				
M03-S1C1-08 Compare two whole numbers, through six-digits.			✓	
M04-S1C1-07 Compare two whole numbers.			✓	
M04-S1C2-02 Subtract whole numbers.			✓	
M04-S1C2-05 Multiply multi-digit numbers by two-digit numbers.			✓	
M05-S1C2-03 Multiply whole numbers.			✓	
M05-S1C2-04 Divide with whole numbers.			✓	
SOCIAL STUDIES STANDARDS				
SS03-S1C10-01 Describe current events using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).	✓	✓		✓

SOCIAL STUDIES STANDARDS CONT	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION
SS03-S3C4-02 Describe the importance of students contributing to a community (e.g., service projects, cooperating, volunteering).	✓	✓	✓	✓
SS03-S4C2-02 Describe how physical and human characteristics of places change from past to present.				✓
SS03-S4C3 Correlates with SC03-S3C1.				✓
SS03-S4C5-01 Identify ways (e.g., farming, building structures and dams, creating transportation routes, overgrazing, mining, logging) in which humans depend upon, adapt to, and impact the earth.	✓			✓
SS03-S4C5-02 Describe ways of protecting natural resources.	✓	✓	✓	✓
SS03-S4C5-03 Identify resources that are renewable, recyclable, and non-renewable.	✓	✓	✓	✓
SS03-S5C1-01 Identify how scarcity requires people to make choices due to their unlimited wants and needs.	✓	✓	✓	✓
SS03-S5C1-06 Discuss how producers use natural, human, and capital resources to create goods and services.				✓
SS04-S1C10-01 Describe current events using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).	✓	✓		✓
SS04-S3C4-01 Discuss ways an individual can contribute to a school or community.	✓	✓	✓	✓
SS04-S4C3 Correlates with SC04-S3C1 and SC04-S4C3.	✓			✓
SS04-S4C5-01 Describe human dependence on the physical environment and natural resources to satisfy basic needs.	✓	✓	✓	✓
SS04-S4C5-03 Describe the impact of human modifications (e.g., dams, mining, air conditioning, irrigation, agricultural) on the physical environment and ecosystems.	✓			✓

<p>SS05-S1C10-01 Describe current events using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).</p>	✓	✓		✓
<p>SS05-S3C4-01 Describe ways an individual can contribute to a school or community.</p>	✓	✓	✓	✓
WRITING STANDARDS				
<p>W03-W3C2-01, W04-W3C2-01, W05-W3C2-01 Record information (e.g., observations, notes, lists, charts, map labels and legends) related to the topics.</p>	✓	✓	✓	
LANGUAGE ARTS STANDARDS				
<p>LS-F1 Use effective vocabulary and logical organization to relate or summarize ideas, events and other information.</p>	✓			
<p>LS-F2 Give and follow multi-step directions.</p>	✓	✓	✓	
<p>VP-F3 Access, view and respond to visual forms such as computer programs, videos, artifacts, drawings, pictures and collages.</p>	✓			✓
<p>VP-F4 Interpret visual clues in cartoons, graphs, tables and charts that enhance the comprehension of text.</p>	✓	✓	✓	

Teacher Note: Pursuing the suggested Extension ideas at the end of the pre- and post-visit activities will allow you to address additional ADE standards in a variety of subject areas.