

Talking Trash in Tucson

Arizona Department of Education Academic Standards

The *Talking Trash in Tucson* program for grades 6-8 addresses the following Academic Standards.
(Complete versions of the Academic Standards are available at www.azed.gov/standards-practices/.)



| SCIENCE STANDARDS | PRE-VISIT LESSON | PRESENTATION | POST-VISIT LESSON |
|--|------------------|--------------|-------------------|
| 6.L2U3.11 Use evidence to construct an argument regarding the impact of human activities on the environment and how they positively and negatively affect the competition for energy and resources in ecosystems. | | ✓ | ✓ |
| 8.E1U3.7 Obtain, evaluate, and communicate information about data and historical patterns to predict natural hazards and other geological events. | | ✓ | ✓ |
| 8.E1U3.8 Construct and support an argument about how human consumption of limited resources impacts the biosphere. | | ✓ | ✓ |
| HISTORY AND SOCIAL SCIENCE STANDARDS | PRE-VISIT LESSON | PRESENTATION | POST-VISIT LESSON |
| 8.SP1.3 Evaluate the significance of past events and their effect on students' lives and society. | | ✓ | ✓ |
| 8.SP4.1 Explain the multiple causes and effects of events and developments in the past. | | ✓ | ✓ |
| 8.C1.4 Engage in projects to help or inform others such as community service and service-learning projects. | | | ✓ |
| 8.C2.2 Explain specific roles, rights and responsibilities of people in a society. | | ✓ | ✓ |
| 8.E2.1 Explain how economic decisions affect the well-being of individuals, businesses, and society. | | ✓ | ✓ |
| 8.E5.1 Explain the interdependence of trade and how trade barriers influence trade among nations. | | ✓ | |
| 8.E5.3 Explain the benefits and the costs of trade policies to individuals, businesses, and society. | | ✓ | |
| 8.G1.1 Use geographic tools and representations to analyze historical and modern political and economic issues and events. • Key tools and representations such as maps, globes, aerial and other photos, remotely sensed images, tables, graphs, and geospatial technology | | ✓ | |
| 8.G2.1 Examine impact of and responses to environmental issues such as air, water, and land pollution, deforestation, urban sprawl, and changes to climate. | | ✓ | ✓ |
| 8.H2.3 Explain how geographic and environmental factors shaped communities and how competition over resources have affected government policies. | | ✓ | ✓ |
| ENGLISH LANGUAGE ARTS STANDARDS | PRE-VISIT LESSON | PRESENTATION | POST-VISIT LESSON |
| 6.RI.7 Integrate information presented in different media or formats (e.g., visually, quantitatively) as well as in words to develop a coherent understanding of a topic or issue. | ✓ | ✓ | ✓ |
| 6.SL.1, 7.SL.1, 8.SL.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher- led) with diverse partners on grade 6, 7 or 8 topics, texts, and issues, building on others' ideas and expressing their own clearly. | ✓ | ✓ | ✓ |
| 6.SL.4 Present claims and findings, sequencing ideas logically and using pertinent facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation. | ✓ | ✓ | ✓ |
| 7.SL.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation. | ✓ | ✓ | ✓ |
| 8.SL.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. | ✓ | ✓ | ✓ |
| VISUAL ARTS STANDARDS | PRE-VISIT LESSON | PRESENTATION | POST-VISIT LESSON |
| VA.CR.3.6 Reflect on whether personal artwork conveys the intended meaning and revise accordingly. | | | ✓ |
| VA.CR.2.7c Apply visual organizational strategies to design and produce a work of art, design, or media that clearly communicates information or ideas. | | | ✓ |
| VA.CR.2.8c Select, organize, and design images and words to make visually clear and compelling presentations. | | | ✓ |