



ARIZONA DEPARTMENT OF EDUCATION ACADEMIC STANDARDS

The *Da Drops* program 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	POST-VISIT BOOKLET
SC01-S1C1-01 Compare common objects using multiple senses.	✓				
SC01-S1C1-02 Ask questions based on experiences with objects, organisms, and events in the environment.	✓		✓		
SC01-S5C1-02 Classify materials as solids or liquids.	✓			✓	
SC01-S6C1-01 Describe the following basic earth materials: rocks, soil, water.	✓		✓	✓	
SC01-S6C1-03 Identify common uses (e.g., construction, decoration) of basic earth materials (i.e., rocks, water, soil).			✓	✓	✓
SC01-S6C1-04 Identify the following as being natural resources: air, water, soil, trees, wildlife.			✓	✓	
SC01-S6C1-05 Identify ways to conserve natural resources (e.g., reduce, reuse, recycle, find alternatives).			✓	✓	✓
SC02-S1C1-01 Formulate relevant questions about the properties of objects, organisms, and events in the environment.			✓		
SC02-S5C1-02 Classify materials as solids, liquids, or gases.	✓			✓	
SC02-S5C1-03 Demonstrate that water can exist as a gas–vapor; liquid–water; and solid–ice.				✓	
SC03-S1C1-01 Formulate relevant questions about the properties of objects, organisms, and events of the environment using observations and prior knowledge.			✓		



SOCIAL STUDIES STANDARDS	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION	POST-VISIT BOOKLET
SS01-S1C1-03 Use primary source materials (e.g., photos, artifacts, maps) to study people and events from the past.				✓	
S01-S1C10-01 Use information from written documents, oral presentations, and the media to discuss current local and state events.				✓	
SS01-S3C4-01 Identify examples of responsible citizenship in the school setting and in stories about the past and present.				✓	
SS01-S3C4-03 Discuss the importance of students contributing to a community (e.g., helping others, working together, cleaning up the playground.)				✓	
SS01-S4C1-04 Recognize characteristics of human and physical features: a. physical (i.e., ocean, continent, <u>river</u> , lake, mountains, islands); b. human (i.e., equator, North and South Poles)		✓		✓	
SS01-S4C2-02 Discuss physical features (e.g., mountains, <u>rivers</u> , <u>deserts</u>) in the world.		✓		✓	
SS01-S4C2-04 Discuss the ways places change over time.				✓	
SS01-S4C3 Correlates with SC01-S6C1.	✓		✓	✓	✓
SS01-S4C5-01 Identify ways (e.g., clothing, housing, crops) humans adapt to their environment.				✓	
SS01-S4C5-01 Identify resources that are renewable, recyclable, and non-renewable.				✓	



SOCIAL STUDIES STANDARDS CON'T	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION	POST-VISIT BOOKLET
SS01-S5C1-02 Recognize that people need to make choices because of limited resources.			✓	✓	
SS02-S1C1-04 Use primary source materials (e.g., photos, artifacts, interviews, documents, maps) and secondary source materials (e.g., encyclopedias, biographies) to study people and events from the past.				✓	
SS02-S1C10-01 Use information from written documents, oral presentations, and the media to describe current events.				✓	
SS02-S3C4-01 Discuss examples of responsible citizenship in the school setting and in stories about the past and present.				✓	
SS02-S3C4-03 Describe the importance of students contributing to a community (e.g., helping others, working together, service projects).				✓	
SS02-S4C1-05 Recognize characteristics of human and physical features: a. physical (i.e., ocean, continent, <u>river</u> , lake, mountain range, coast, sea, <u>desert</u>); b. human (i.e., equator, Northern and Southern Hemispheres, North and South Poles).		✓		✓	
SS02-S4C1-06 Locate physical and human features using maps, illustrations, images, or globes: a. physical (i.e., ocean, continent, <u>river</u> , lake, mountain range, coast, sea, <u>desert</u>); b. human (i.e., equator Northern and Southern Hemispheres, North and South Poles, city, state, country).				✓	
SS02-S4C2-03 Discuss physical features (e.g., mountains, <u>ivers</u> , <u>deserts</u>) in the world.				✓	
SS02-S4C2-04 Discuss the ways places change over time.				✓	



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SOCIAL STUDIES STANDARDS CON'T	ACTIVITY #1	ACTIVITY #2	ACTIVITY #3	PRESENTATION	POST-VISIT BOOKLET
SS02-S4C5-01 Identify ways (e.g., agriculture, structures, roads) in which humans depend upon, adapt to, and impact the earth.				✓	
SS02-S4C5-02 Recognize ways of protecting natural resources.				✓	
SS02-S5C1-01 Discuss how scarcity requires people to make choices due to their unlimited needs and wants with limited resources.			✓	✓	
SS03-S1C1-03 Use primary source materials (e.g., photos, artifacts, interviews, documents, maps) and secondary source materials (e.g., encyclopedias, biographies) to study people and events from the past.				✓	
SS03-S1C10-01 Describe current events using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).				✓	
SS03-S3C4-02 Describe the importance of students contributing to a community (e.g., service projects, cooperating, volunteering).				✓	
SS03-S4C1-06 Recognize characteristics of human and physical features: a. physical (i.e., ocean continent, <u>river</u> , lake, mountain range, coast, sea, <u>desert</u> , gulf, bay, strait, plain, valley, volcano, peninsula); b. human (i.e., equator, Northern and Southern Hemispheres, North and South Poles, city).		✓		✓	
SS03-S4C1-07 Locate physical and human features using maps, illustrations, images, or globes: a. physical (i.e., seven continents, four oceans, <u>river</u> , lake, mountain range, coast, sea, <u>desert</u> , gulf, bay, strait, peninsula); b. human (i.e., equator, Northern and Southern Hemispheres, North and South Poles, city, state, country, roads, railroads).				✓	
SS03-S4C2-02 Describe how physical and human characteristics of places change from past to present.				✓	



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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.			✓	✓	
LANGUAGE ARTS STANDARDS					
LS-F1 Use effective vocabulary and logical organization to relate or summarize ideas, events and other information.	✓	✓		✓	
VP-F3 Access, view and respond to visual forms such as computer programs, videos, artifacts, drawings, pictures and collages.		✓		✓	✓
VP-F4 Interpret visual clues in cartoons, graphs, tables and charts that enhance the comprehension of text.		✓			✓
VISUAL ARTS STANDARDS					
VA-S1C1, S1C2, S1C3, S1C4, S1C5 Create: Student will create artworks to communicate ideas, meanings, and/or purposes.			✓		

Teacher Note: Pursuing the Follow-up/Extension Ideas will allow you to address additional ADE standards in a variety of subject areas.