



6th - 8th Grade: Measuring Up

Sonoran Desert Ecology Field Trip

Arizona Common Core Standards (6th Grade)

SSS1.C1.PO8: Describe how archaeology research adds to our knowledge of the past

SSS1.C2.PO3b: Describe the cultures of the Mogollon, Ancestral Puebloans, and Hohokam adapted to and altered their environments

SSS4.C4.PO2: Describe the environmental, economic, cultural, and political effects of human migrations and cultural diffusions on places and regions

SS1.CO1.PO2: Formulate questions based on observations that lead to the development of the hypothesis

SS1.CO2.PO4: Perform measurements using appropriate scientific tools

SS1.CO2.PO5: Keep a record of observations, notes, sketches, questions, and ideas using tools such as written and/or computer logs

SS1.CO3.PO1: Analyze data obtained in a scientific investigation to identify trends

SS1.CO3.PO3: Evaluate the observations and data collected by others

SS1.CO3.PO5: Analyze the results from previous and/or similar investigations to verify the results of the current investigation

SS1.CO3.PO6: Formulate new questions based on the results of a completed investigation

SS1.CO4.PO5: Communicate the results and conclusions of the investigation

SS4.CO1.PO1: Explain the importance of water to organisms

SS4.CO3.PO2: Describe how the following environmental conditions affect the quality of life: water quality, climate

ET.CO1.PO1: Assess situations in which it is appropriate and safe to use a personal device in the home, school, and community

PE.S3.M2: Engages in Physical Activity

PE.S4.M8: Safety (Sun Safety)

Pre-Visit Activity- Large Group Discussion: What are our needs today and how do we meet them? When we visit a new place how would we meet our needs there?

Field Trip Activity Timetable (3.5 Hours)

9:30 AM	Arrival/ Bathroom Break	Visitor Center
10:00 AM	Introduction Field Trip Rules and Regulations	Visitor Center Parking Lot
Group 1:		
10:15- 11:00 AM	45 Min- Area Studies	Riparian Area
11:00- 11:30 AM	30 Min- Lunch	Ampitheater
11:30- 12: 45 PM	1 Hour 15 Min- Area Studies	Lower Cliff Dwelling & Trail
Group 2:		
10:15- 11:30	1 Hour 15 Min- Area Studies	Lower Cliff Dwelling & Trail
11:30-12:00	30 Min- Lunch	Ampitheater
12:00- 12:45	45 Min- Area Studies	Riparian Area
All Groups:		
12:45 PM	Conclusion and Assessment	Ampitheater
1:00 PM	Bus Away	Parking Lot

Post-Visit Activity: Choose a different ecosystem (global, local, country; prehistoric, historic, modern) and have students identify ways they would be able to meet their needs in that place.

Note: This activity could be made into a fairly large project if desired; ideas include: art component, research, additional field trips