Radio Telemetry
4th grade - Field Trip Station

Overview
Students learn how and why radio tracking is done. Students learn about research involving radio tracking brush mice and what it might be able to tell us about their dispersal.

Vocabulary
• Radiotelemetry - highly automated communications process by which measurements are made and other data collected at remote or inaccessible points and transmitted to receiving equipment for monitoring.
• Radio Frequency - the particular waveband at which a radio station or other system broadcasts or transmits signals.
• Adaptation – Something an animal has or does to help it survive, a change or the process of change by which an organism or species becomes better suited to its environment

NM Science Standards Addressed
1-1-1-1 Use instruments to perform investigations (e.g., timers, balances) and communicate findings.
1-1-1-3 Conduct multiple trials to test a prediction, draw logical conclusions, and construct and interpret graphs from measurements.
3-1-1-4 Know that both men and women of all races and social backgrounds choose science as a career.

CCSS Language Arts Standards Addressed
SL.4.1.B Follow agreed-upon rules for discussions and carry out assigned roles.
SL.4.1.C Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.
SL.4.1.D Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.

Date: _______________________
Asombro staff: ______________________