**Lesson Adaptations and Extensions**

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| **English Language Learners (ELL)** | **Special Education Learners (SPED)** | **Optional / Extension Research Topics**  |
| * pictures / visuals
 | * pictures / visuals
 | * impact of feral cats on ecosystems
 |
| * realia, 3D objects
 | * realia, 3D objects
 | * interactions between feral cats and coyotes
 |
| * key vocab cards (dual language) with pics
 | * key vocab cards with pics
 | * impact of feral cat feeding stations on cat social systems and survival rates
 |
| * PowerPoint slides – outline form / fill-in-the-blank (dual language)
 | * PowerPoint slides – outline form / fill-in-the-blank
 | * correlation between cat feeding stations and increased coyote presence
 |
| * exemplars (samples)
 | * exemplars (samples)
 | * home ranges of cats and coyotes
 |
| * partner work
 | * partner work
 | * impact of habitat loss and fragmentation on geographic distribution, movement patterns, home ranges, and behavior of coyotes
 |
| * small group work
 | * small group work
 | * impact of human-subsidized feeding on coyote diet and life span
 |
| * assigned roles
 | * assigned roles
 | * human-coyote co-existence
 |
| * iPad speech-to-text translation (dual language)
 | * repeat directions
 | * potential for disease transmission at feral cat feeding stations
 |
| * iPad or laptop with translation site access
 | * clarify, check for understanding
 | * coyotes in myths and legends
 |
| * repeat directions
 | * wait time
 | * evolution of *Canids*
 |
| * clarify, check for understanding
 | * sentence frames
 | * genetic variation in species in the Family *Canidae*
 |
| * wait time
 |  | * human-impact on coyotes
 |
| * sentence frames
 |  | * coyote impact on humans and domestic animals
 |

Note: These are just a representation of items that could be utilized in each category above. Educators may have other tried-and-true lesson adaptations for students with various learning needs and research topics that can be explored.