**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.