**Lesson Adaptations and Extensions**

***Including but not limited to:***

|  |  |  |
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| **English Language Learners (ELL)** | **Special Education Learners (SPED)** | **Optional / Extension Research Topics** *Explore, Research, Investigate, Examine …* |
| * pictures / visuals
 | * pictures / visuals
 | * the effects of urban artificial lighting on bird physiology and behavior (like grooming, eating, nesting, courtship, etc.)
 |
| * realia, 3D objects
 | * realia, 3D objects
 | * the impacts (positive and/or negative) of supplemental feeding on hummingbirds
 |
| * key vocab cards (dual language) with pics
 | * key vocab cards with pics
 | * survivor rate of birds in urban settings vs. rural settings
 |
| * PowerPoint slides – outline form / fill-in-the-blank (dual language)
 | * PowerPoint slides – outline form / fill-in-the-blank
 | * the factors contributing to the worldwide decline of birds and solutions to this decline
 |
| * exemplars (samples)
 | * exemplars (samples)
 | * local bird species composition
 |
| * partner work
 | * partner work
 | * bird migration
 |
| * small group work
 | * small group work
 | * bird classification (taxonomy)
 |
| * assigned roles
 | * assigned roles
 | * bird life cycle / reproduction
 |
| * iPad speech-to-text translation (dual language)
 | * repeat directions
 | * impact of pesticides on birds
 |
| * iPad or laptop with translation site access
 | * clarify, check for understanding
 | * bird citizen science programs
 |
| * repeat directions
 | * wait time
 | * bird conservation
 |
| * clarify, check for understanding
 | * sentence frames
 | * bird biodiversity
 |
| * wait time
 |  | * bird song
 |
| * sentence frames
 |  | * bird identification (books, apps …)
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