**ARC Week at Glance**

**Topic: Biodiversity Course: Environmental Science Grade: 9th Dates: 11 to 15 November**

1. **SEV 2. Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth’s ecosystems.**
   1. SEV 2.c Construct an argument to predict changes in biomass, biodiversity, and complexity within ecosystems, in terms of ecological succession.
   2. SEV 2.d Construct an argument to support a claim about the value of biodiversity in ecosystem resilience including keystone, invasive, native, endemic, indicator, and endangered species.

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|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| **Monday** | Biodiversity | I can explain what Biodiversity means. I can explain what the impact of the loss of a keystone species will have on an ecosystem. | Lecture | Guided Notes | ToTD |
| **Tuesday** | Biodiversity | I can explain the dangers invasive species pose to an ecosystem. | Lecture | Guided Notes | Selected Reading |
| **Wednesday** | Biodiversity | I can explain the difference between endangered, threatened, extinct, and extirpated species is. | Lecture | Guided Notes | Start Endangered Species Project |
| **Thursday** | Biodiversity | I can identify what resources are available to determine if a species is endangered or not. | Lecture | Guided Notes | Continue Endangered Species Project |
| **Friday** | Biodiversity | I can argue why maintaining Biodiversity is important. | Continue Endangered Species Project | Continue Endangered Species Project | Continue Endangered Species Project |