







# **Biodiversity Musical Chairs Role Cards**







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**Life Science (Lower Middle)**  
**Unit 4**


## Biodiversity Musical Chairs Role Cards

 <p><b>Organism:</b> White-Tailed Deer</p> <p><b>Adaptations:</b> Changes fur color from reddish-brown to gray-white. Small teeth in front of mouth to rip off bark from tree.</p> <p><b>Energy Source:</b> White-Oak tree</p>	 <p><b>Organism:</b> Black Bear</p> <p><b>Adaptations:</b> Great sense of smell. Can climb trees. Strong and curved claws.</p> <p><b>Energy Source:</b> White-Tailed Deer</p>	 <p><b>Organism:</b> Hawk</p> <p><b>Adaptations:</b> Strong and sharp talons. Excellent vision.</p> <p><b>Energy Source:</b> C</p>
 <p><b>Organism:</b> Newt</p> <p><b>Adaptations:</b> Can breathe in and outside of water. Can and will "play dead."</p> <p><b>Energy Source:</b> Slugs</p>	 <p><b>Organism:</b> Cardinal</p> <p><b>Adaptation:</b> Short, thick, conical shaped beaks. High speed wings.</p> <p><b>Energy Source:</b> Ticks and butterflies</p>	 <p><b>Organism:</b> Slug</p> <p><b>Adaptations:</b> Produces slimy-mucus around body. Eye spots on top of tentacles.</p> <p><b>Energy Source:</b> Ferns</p>







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 <p><b>Organism:</b> Hawk</p> <p><b>Adaptations:</b> Strong and sharp talons. Excellent vision.</p> <p><b>Energy Source:</b> C</p>	 <p><b>Organism:</b> Hawk</p> <p><b>Adaptations:</b> Strong and sharp talons. Excellent vision.</p> <p><b>Energy Source:</b> C</p>	 <p><b>Organism:</b> Hawk</p> <p><b>Adaptations:</b> Strong and sharp talons. Excellent vision.</p> <p><b>Energy Source:</b> C</p>
 <p><b>Organism:</b> Cardinal</p> <p><b>Adaptation:</b> Short, thick, conical shaped beaks. High speed wings.</p> <p><b>Energy Source:</b> Ticks and butterflies</p>	 <p><b>Organism:</b> Cardinal</p> <p><b>Adaptation:</b> Short, thick, conical shaped beaks. High speed wings.</p> <p><b>Energy Source:</b> Ticks and butterflies</p>	 <p><b>Organism:</b> Cardinal</p> <p><b>Adaptation:</b> Short, thick, conical shaped beaks. High speed wings.</p> <p><b>Energy Source:</b> Ticks and butterflies</p>

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 <p><b>Organism:</b> Tick</p> <p><b>Adaptations:</b> Curved teeth to attach to prey. Organ to sense odor of nearby prey.</p> <p><b>Energy Source:</b> White-Tailed Deer</p>	 <p><b>Organism:</b> Praying Mantis</p> <p><b>Adaptations:</b> Sharp spines on front legs. Can twist head <math>\frac{1}{2}</math> around its body.</p> <p><b>Energy Sources:</b> Ticks, Beetles</p>	 <p><b>Organism:</b> Beetle</p> <p><b>Adaptations:</b> Burrow larvae inside the sand. Long legs that move quickly.</p> <p><b>Energy Source:</b> Wildflowers</p>
 <p><b>Organism:</b> Fern</p> <p><b>Adaptations:</b> Waxy leaves. Horizontal roots grown in soil.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> White Oak Tree</p> <p><b>Adaptations:</b> Has thick bark. Produces acorns as seeds.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> Butterfly</p> <p><b>Adaptations:</b> Migrate to warmer climates in the winter. Has a straw-like tongue.</p> <p><b>Energy Source:</b> Wildflowers</p>

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 <p><b>Organism:</b> Praying Mantis</p> <p><b>Adaptations:</b> Sharp spines on front legs. Can twist head <math>\frac{1}{2}</math> around its body.</p> <p><b>Energy Sources:</b> Ticks, Beetles</p>	 <p><b>Organism:</b> Praying Mantis</p> <p><b>Adaptations:</b> Sharp spines on front legs. Can twist head <math>\frac{1}{2}</math> around its body.</p> <p><b>Energy Sources:</b> Ticks, Beetles</p>	 <p><b>Organism:</b> Beetle</p> <p><b>Adaptations:</b> Burrow larvae inside the sand. Long legs that move quickly.</p> <p><b>Energy Source:</b> Wildflowers</p>
 <p><b>Organism:</b> Fern</p> <p><b>Adaptations:</b> Waxy leaves. Horizontal roots grown in soil.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> Fern</p> <p><b>Adaptations:</b> Waxy leaves. Horizontal roots grown in soil.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> White Oak Tree</p> <p><b>Adaptations:</b> Has thick bark. Produces acorns as seeds.</p> <p><b>Energy Source:</b> The Sun</p>



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 <p><b>Organism:</b> White Oak Tree</p> <p><b>Adaptations:</b> Has thick bark. Produces acorns as seeds.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> Butterfly</p> <p><b>Adaptations:</b> Migrate to warmer climates in the winter. Has a straw-like tongue.</p> <p><b>Energy Source:</b> Wildflowers</p>	 <p><b>Organism:</b> Gray Fox</p> <p><b>Adaptations:</b> Thick tails. Can climb trees.</p> <p><b>Energy Source:</b> Bullfrog, newt, and vole</p>
 <p><b>Organism:</b> Bullfrog</p> <p><b>Adaptations:</b> Brownish-green colored skin. Long, sticky, and fast tongue.</p> <p><b>Energy Source:</b> Slugs</p>	 <p><b>Organism:</b> Wildflowers</p> <p><b>Adaptations:</b> Thick waxy covering on leaves. Small leaves.</p> <p><b>Energy Source:</b> The Sun</p>	 <p><b>Organism:</b> Vole</p> <p><b>Adaptations:</b> Brown colored fur. Burrows and lives underground.</p> <p><b>Energy Source:</b> Fern</p>

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**Organism:** Gray Fox

**Adaptations:** Thick tails. Can climb trees.

**Energy Source:** Bullfrog, newt, and vole



**Organism:** Gray Fox

**Adaptations:** Thick tails. Can climb trees.

**Energy Source:** Bullfrog, newt, and vole