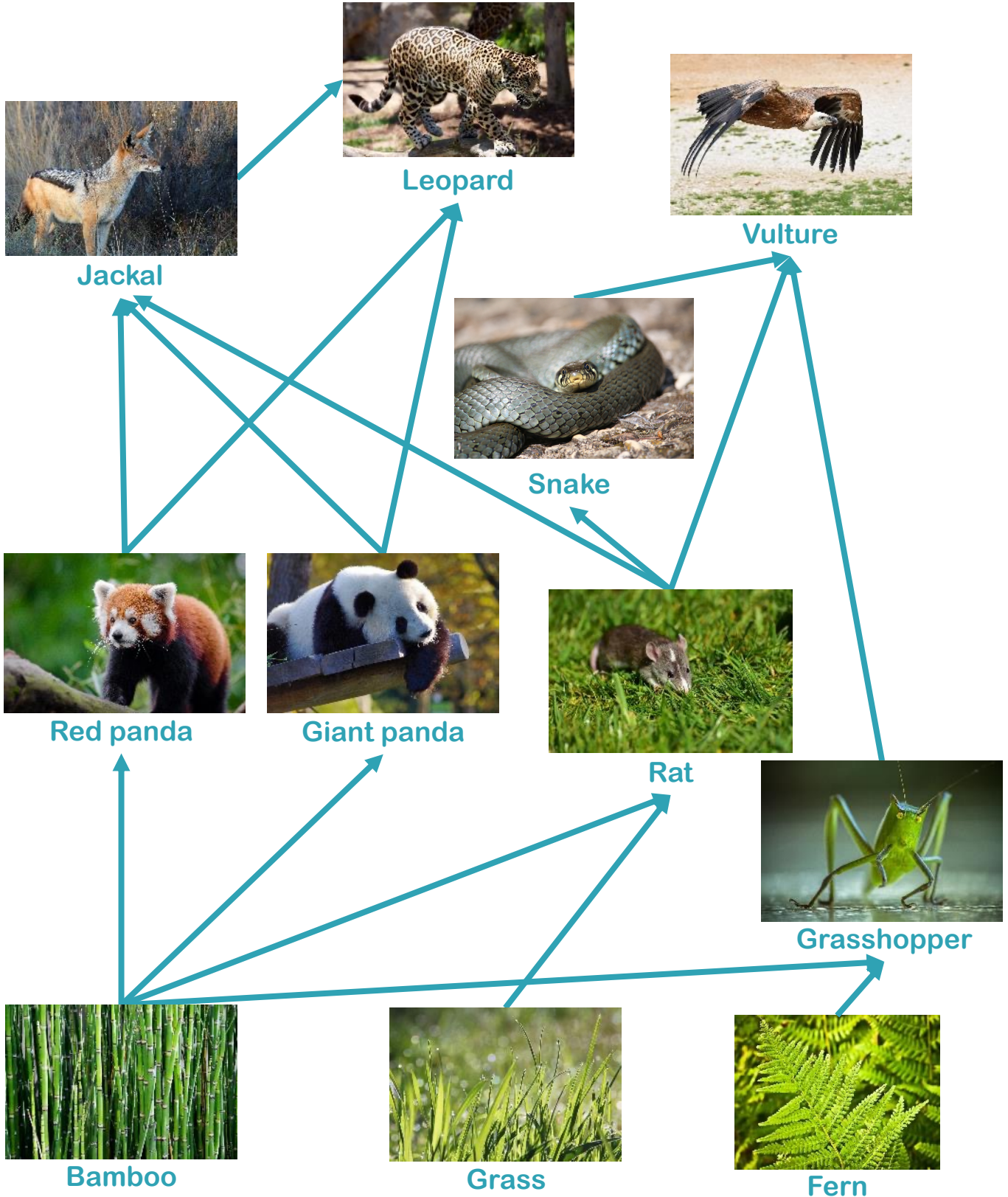




Describe ecosystems and how they are affected by changes in the environment

Study the food web below.





Describe ecosystems and how they are affected by changes in the environment

Explain what would happen to the population of each species if the following things happened to this ecosystem.

Draw ↑ to show that the population would increase. Draw ↓ to show that the population would decrease.

Leopards were hunted to extinction:

Jackal	<input type="checkbox"/>	Rat	<input type="checkbox"/>
Vulture	<input type="checkbox"/>	Grasshopper	<input type="checkbox"/>
Snake	<input type="checkbox"/>	Bamboo	<input type="checkbox"/>
Red panda	<input type="checkbox"/>	Grass	<input type="checkbox"/>
Giant panda	<input type="checkbox"/>	Fern	<input type="checkbox"/>

Climate change caused red pandas to migrate:

Leopard	<input type="checkbox"/>	Rat	<input type="checkbox"/>
Jackal	<input type="checkbox"/>	Grasshopper	<input type="checkbox"/>
Vulture	<input type="checkbox"/>	Bamboo	<input type="checkbox"/>
Snake	<input type="checkbox"/>	Grass	<input type="checkbox"/>
Giant panda	<input type="checkbox"/>	Fern	<input type="checkbox"/>

Deforestation of bamboo:

Leopard	<input type="checkbox"/>	Giant panda	<input type="checkbox"/>
Jackal	<input type="checkbox"/>	Rat	<input type="checkbox"/>
Vulture	<input type="checkbox"/>	Grasshopper	<input type="checkbox"/>
Snake	<input type="checkbox"/>	Grass	<input type="checkbox"/>
Red panda	<input type="checkbox"/>	Fern	<input type="checkbox"/>

Stretch:

What can you do to help protect ecosystems?

Challenge:

Create your own food web. How would it be affected if a species was removed?