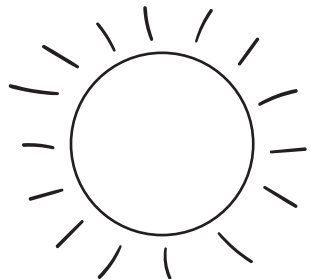




Name: \_\_\_\_\_

**Using the Field Guide, draw a food web for the COASTAL DUNE ecosystem .**  
**Arrows should point in the direction of energy flow.**



**Willow**



**Cottontail  
Rabbit**



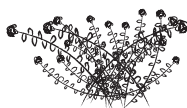
**Fence  
Lizard**



**Coyote**



**Fungi**



**Dune  
Buckwheat**



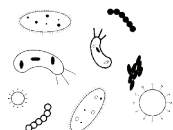
**El Segundo  
Blue Butterfly**



**Crab  
Spider**



**Red-tailed  
Hawk**



**Bacteria**



**Dune  
Lupine**



**Ground  
Squirrel**



**Legless  
Lizard**



**Gopher Snake**

**Answer the following questions:**

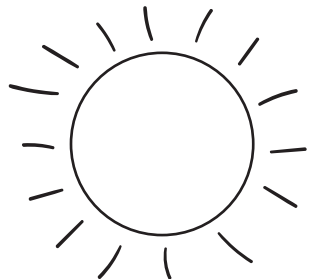
**1. If an invasive plant were to take over habitat in the COASTAL DUNES, what would some of the effects be on your food web? Which species would decrease, which would increase, which would move?**

**2. For the species that might need to move or find food elsewhere, how might this affect the Sample Food Webs of the other Ballona Wetlands ecosystems?**



Name: \_\_\_\_\_

**Using the Field Guide, draw a food web for the SUBTIDAL ESTUARY ecosystem .**  
**Arrows should point in the direction of energy flow.**



**Topsmelt**



**Great Blue Heron**



**Fiddler Crab**



**Marine Algae**



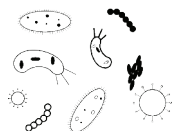
**Horn Snail**



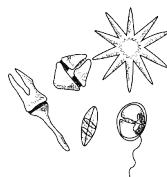
**Snowy Egret**



**Cormorant**



**Bacteria**



**Phytoplankton**



**Marine Invertebrate**



**Arrow Goby**



**Pelican**

**Answer the following questions:**

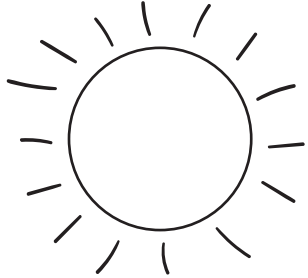
**1. If a chemical spill were to pollute the SUBTIDAL ESTUARY of Ballona Creek, what would some of the effects be on your food web? Which species would decrease, which would increase, which would move?**

**2. For the species that might need to move or find food elsewhere, how might this affect the Sample Food Webs of the other Ballona Wetlands ecosystems?**



Name: \_\_\_\_\_

Using the Field Guide, draw a food web for the SALT MARSH ecosystem .  
Arrows should point in the direction of energy flow.



Salt Grass



Grasshopper



South Coast  
Marsh Vole



Red-tailed  
Hawk



Fiddler  
Crab



Pickleweed



Belding  
Savannah  
Sparrow



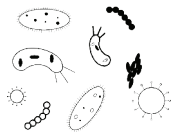
Horn  
Snail



Marine  
Invertebrate



Great Blue  
Heron



Bacteria



Marine  
Algae



Arrow Goby

**Answer the following questions:**

**1. If a parasite were to kill many of the grasshoppers in the SALT MARSH, what would some of the effects be on your food web? Which species would decrease, which would increase, which would move?**

**2. For the species that might need to move or find food elsewhere, how might this affect the Sample Food Webs of the other Ballona Wetlands ecosystems?**