

# Plant Structures

## Thorns



- sharp, outgrowths from plant that protect it from being eaten
  - ex.- cactus, rose

## Poisons



- used to discourage plants from eating it; can have a foul taste; can sicken or kill
  - ex. poison ivy, poison oak

## Sepals



- small leaves located under the petals

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## Flower



- produce seeds
- colorful and have a scent to attract insects or other animals for pollination



## Stamen



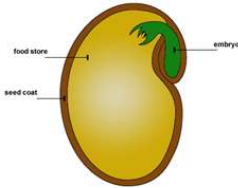
- male reproductive part of flower
- filament- stalk part
- anther- sticky top that produces pollen



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<p>Pistil</p>  	<ul style="list-style-type: none"> <li>• female part of flower</li> <li>• ovary- protects the new seed</li> <li>• ovule- contains the egg and the new seed when developing</li> <li>• stigma- sticky top where pollen grains land</li> <li>• style- stalk part of pistil that grows into a pollen tube after pollination occurs</li> </ul>
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<p>Seeds</p>	<ul style="list-style-type: none"> <li>• embryo- young plant that develops from the fertilized egg; can have more than one cotyledon</li> <li>• stored food is found inside which helps the embryo develop</li> <li>• seed coat- protects the embryo and its food from drying out; allows the seed to remain inactive for a period of time; can be surrounded by a fruit</li> </ul> 
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