

**LT: I can describe the advantages and disadvantages of sexual and asexual reproduction. Standard: 2.1d**

Make a T Chart that lists and explains the advantages and disadvantages for Asexual Reproduction:

<b>Asexual Reproduction</b>	
<b>Advantages</b>	<b>Disadvantages</b>

Make a T Chart that lists and explains the advantages and disadvantages for Sexual Reproduction:

<b>Sexual Reproduction</b>	
<b>Advantages</b>	<b>Disadvantages</b>

- Large numbers of offspring are reproduced very quickly from only one parent when conditions are favorable
- Large numbers of organisms mean that species may survive when conditions or the number of predators change
- Energy is not required to find a mate
- Takes time and energy to find mate
- Slower reproduction rate
- More genetic variation species
- Children different than parents
- Slower reproduction rate- conservation of resources
- Large colonies can form that can out-compete other organisms for nutrients and water
- Offspring are genetic "clones." A negative mutation can make organisms susceptible to disease and can destroy large numbers of offspring
- Some methods of produce offspring that are close together and compete for food and space
- Unfavorable conditions such as extreme temperatures can wipe out entire colonies