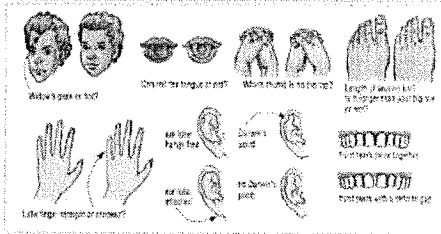
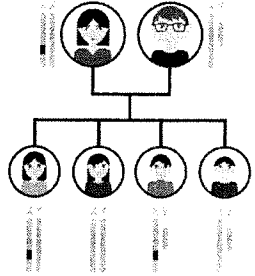
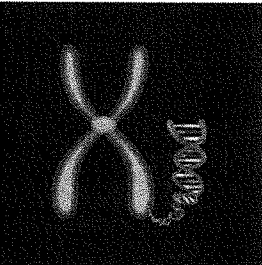
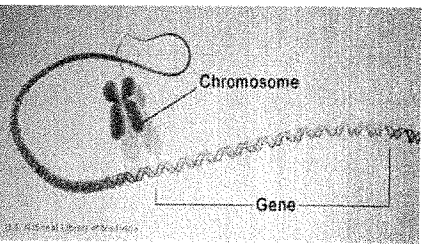
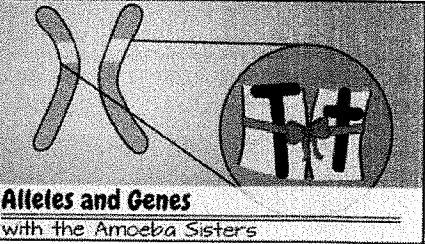

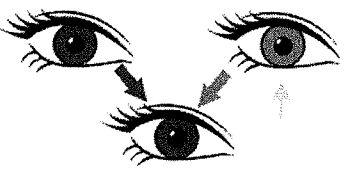
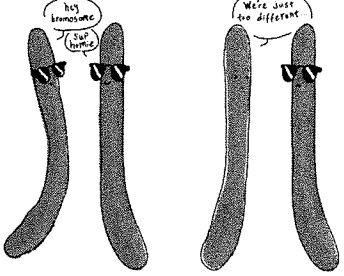
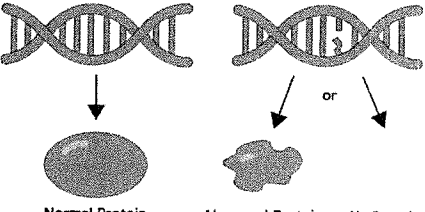
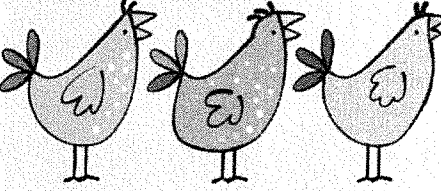
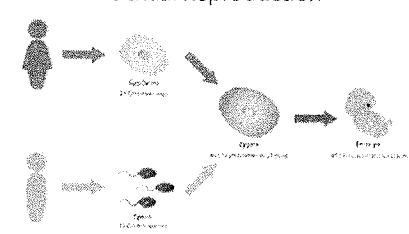
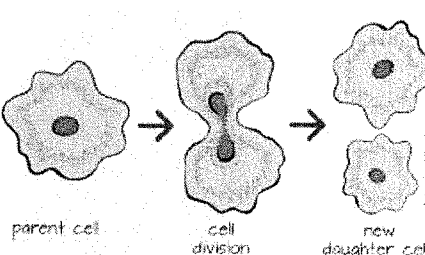
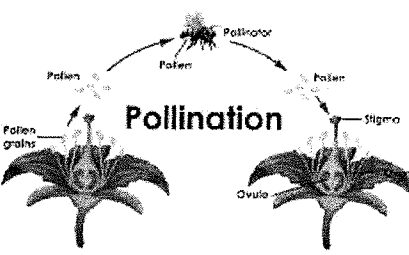


**Reproduction and Heredity Unit Vocabulary  
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Term	Definition	Picture
<p><b>Traits</b></p>	<p><b>Characteristics that describe an organism. May be inherited or acquired.</b></p>	
<p><b>Inherit</b></p>	<p><b>Passed down from parents to offspring through the genes.</b></p>	
<p><b>Chromosomes</b></p>	<p><b>Strands of coiled DNA that carry the genetic information for an organism.</b></p>	
<p><b>Genes</b></p>	<p><b>Section of DNA that codes for a specific trait.</b></p>	
<p><b>Alleles</b></p>	<p><b>Two alternate forms of the same gene.</b></p>	 <p><b>Alleles and Genes</b> with the Amoeba Sisters</p>

<p><b>Dominant</b></p>	<p>The trait that will always be expressed.</p>	<p>A = dominant a = recessive</p> 
<p><b>Recessive</b></p>	<p>The trait that is only expressed if the dominant allele is not present.</p>	<p>a trait that is masked from a dominant allele</p>  <p>recessive trait</p>
<p><b>Homozygous (pure)</b></p>	<p>A gene pair that contains both dominant or both recessive alleles.</p>	<p>homozygous      heterozygous</p> 
<p><b>Heterozygous (hybrid)</b></p>	<p>A gene pair that contains one dominant and one recessive allele.</p>	
<p><b>Mutation</b></p>	<p>A random change or mistake in the DNA.</p>	<p>Normal Gene      Mutated Gene</p>  <p>Normal Protein      Abnormal Protein      No Protein</p>
<p><b>Genetic variation</b></p>	<p>Differences in the genes of offspring resulting from sexual reproduction and/or mutation.</p>	<p>Different offspring, from the same parents.</p>  <p>eschooltoday.com</p>

<p><b>Sexual reproduction</b></p>	<p>The production of offspring from two different organisms, inheriting the genes from both parents.</p>	<p>Sexual Reproduction</p>  <p>shutterstock.com • 1243207659</p>
<p><b>Asexual reproduction</b></p>	<p>The production of offspring from a single organism, inheriting the genes from that parent only.</p>	 <p>parent cell → cell division → new daughter cells</p>
<p><b>Pollination</b></p>	<p>The transfer of genetic information from one plant to another through pollen usually involving bees, other insects or birds.</p>	<p>Pollination</p>  <p>VectorStock shutterstock.com/17666862</p>