
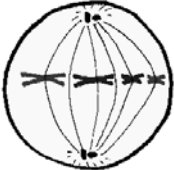
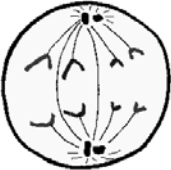



Outcome-Based Student Self Assessment

Student Name: _____

Course: Science 10F

Unit: **Reproduction**

Outcomes & Examples	Green/Red/ Yellow?	Student's Action Plan What will you do to achieve the outcome? (check all that apply)	Follow Up -What have you done? -Is the outcome achieved?
<p>Outcome: Illustrate and explain the process of Mitosis</p>		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Label the following phases of mitosis and give a brief explanation of what is happening in each phase.</p> <div style="display: flex; justify-content: space-around; align-items: center;">     </div>			
<p>Outcome: Describe the cell cycle.</p>		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Draw a circle representing the cell cycle. Label mitosis and interphase, and show the relative length of time the cell spends in each.</p>			
<p>Outcome: Describe the five types of asexual reproduction.</p>		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>List and describe the 5 types of asexual reproduction.</p>			

Outcomes & Examples	Green/Red/ Yellow?	Student's Action Plan What will you do to achieve the outcome? (check all that apply)	Follow Up -What have you done? -Is the outcome achieved?
Outcome: Relate the concept of asexual reproduction to current issues such as cloning, stem cells, etc.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Describe how mitosis and the 5 types of asexual reproduction relate to cloning.</p> <p>List pros/cons relating to stem cell research & treatment.</p>			
Outcome: Explain the production of male/female gametes through meiosis.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Compare meiosis to mitosis in terms of:</p> <ul style="list-style-type: none"> - number of divisions: - type of cells: - resulting cells: - variation of offspring: - diploid/haploid: 			
Outcome: Compare sexual and asexual reproduction in terms of advantages and disadvantages.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Give 2 advantages and disadvantages of sexual and asexual reproduction.</p> <p>Sexual:</p> <p style="padding-left: 40px;">Advantages Disadvantages</p> <p>Asexual:</p> <p style="padding-left: 40px;">Advantages Disadvantages</p>			

Outcomes & Examples	Green/Red/ Yellow?	Student's Action Plan What will you do to achieve the outcome? (check all that apply)	Follow Up -What have you done? -Is the outcome achieved?
Outcome: Investigate adaptations of species that enhance reproductive success.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
List adaptations that enhance reproductive success. 			
Outcome: Outline the structures and functions of the male and female reproductive systems.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Describe the pathway that sperm will travel as it exits the body (include all glands and organs). Describe the pathway an egg will travel as it exits the body. 			
Outcome: Outline Human Deleopment		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Fertilization is the meeting of _____ and _____ in the _____. The resulting single cell is called a _____. Once embedded in the lining of the _____, it is now called a _____. During the final stage of development it is called a _____.			
Outcome: Human Development		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Describe an event that occurs during each trimester. 			

Outcomes & Examples	Green/Red/ Yellow?	Student's Action Plan What will you do to achieve the outcome? (check all that apply)	Follow Up -What have you done? -Is the outcome achieved?
Outcome: Differentiate between dominant and recessive, genotype and phenotype.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Create an example of an inherited trait. Determine which is dominant and recessive, then provide all possible genotypes and phenotypes.			
Outcome: Differentiate between chromosomes, genes, DNA.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Create an analogy to explain the relationship between chromosomes, genes and DNA.			
Outcome: Solving single trait inheritance problems.		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
Create and solve a genetics problem involving the cross of two individuals. Include the following terms: Homozygous, Heterozygous, genotype, phenotype, dominant and recessive.			

<p>Outcome: Explain the inheritance of sex linked traits in humans.</p>		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>Create and solve a sex-linked genetics problem involving the cross of two individuals. Include the following terms: Homozygous, Heterozygous, carrier, genotype, phenotype, dominant and recessive.</p>			
<p>Outcome: Environmental factors and personal choices that lead to a genetic mutation or changes in an organism's development.</p>		<input type="checkbox"/> Read your notes <input type="checkbox"/> Seek extra help <input type="checkbox"/> Ask a friend <input type="checkbox"/> Check your text/internet <input type="checkbox"/> Sign up for a Peer tutor <input type="checkbox"/> Make study notes	
<p>List 3 environmental factors and/or personal choices that may lead to a genetic mutation or changes in an organism's development</p>			