

# Debates - Reproduction

## Groups 1-4: Reproduction Presentations

Which is better? Sexual or asexual reproduction? Internal or external reproduction? You will teach us about these different types of reproduction and the class will decide which is the best type of reproduction out there. For this presentation, you will brainstorm and research the advantages of your type of reproduction.

**Your goal will be to teach the class about your reproduction type.** You will organize what you learn into the **main advantages of your reproduction type** and to make these memorable with examples, explanations, emotion, etc. You may use images, facts, anecdotes of species reproduction, etc to convince us. **You must convince us that your type of reproduction is best!** You and the other team will take turns explaining your advantages (each explaining one point at a time) . All the members of your group should share the speaking responsibilities equally. See the rubric below for how you will be evaluated.

### Sexual vs Asexual Reproduction

Group 1 - Sexual reproduction: \_\_\_\_\_

Group 2 - Asexual reproduction: \_\_\_\_\_

### Internal vs External Fertilization

Group 3 - internal fertilization: \_\_\_\_\_

Group 4 - external fertilization: \_\_\_\_\_

### **Preparing a debate /presentation:**

1. Brainstorm arguments that you and your opponents will make.
2. Decide which are your strongest arguments 4-6 arguments.
3. Prepare your evidence for your arguments: find research, statistics, facts, examples, images, anecdotes, descriptions, experiences, emotions to make your arguments more persuasive.
4. Decide who will make each point and in which order you wish to present them.

**Suggestions for a persuasive and impressive speech:**

1. If you don't want to debate a point, don't bring it up.
2. Don't get mad—get even through use of logic.
3. Negative body language (like rolling the eyes), yelling, slang, name-calling, cursing, being patronizing or condescending does not serve to give the judge/audience a positive impression of you. Please don't do it!
4. Speak with passion and intensity, but not melodrama.
5. Choose your experts and sources wisely. Always provide evidence for your arguments.
6. Use short anecdotes and famous quotes when possible.
7. Know the position of the other side as well as you know your own. This way you won't be surprised.
8. Study the logical fallacies and hold the opposition accountable for logic blunders.
9. Save your best quote, strongest point and highest-impact emotional appeal for summation and final statement.
10. Don't overuse any single strategy.

**Evaluation****Reproduction presentations (groups 1-4)**

<b>Criteria</b>	<b>Grade on 4</b>	<b>Comments</b>
<b>Sources:</b> all are properly cited according to guidelines. You have 3 sources in your bibliography.		
<b>Delivery:</b> you speak clearly, slowly, and explain all your information well without reading. You give the class time to write.		
<b>Persuasiveness:</b> You are convincing, interesting, memorable, enthusiastic!		
<b>Content:</b> your presentation contains all the important points explaining your type of reproduction. See me to make sure before you present.		
You work well in class when given time and you are ready to present on your presentation date		
<b>Time constraints</b> are respected : 2.5 minutes per person maximum	/2	
<b>Final Grade</b>	<b>/22</b>	

# Debates - Reproduction

## Groups 5-8: Reproduction Debates

Decisions, decisions - how should we use our genetic manipulation knowledge? **You will inform the class about a current event issue and debate the pros and cons of the issue.** Then the class will decide which side of the issue they fall on!

You must research your side of the issue to find the **best 4-6 arguments and convince the class** with emotion, examples, explanations, facts, etc. You must also brainstorm the arguments that your opponents will make so you can counter their arguments. Finally you must consider what your opponents will say about your arguments and plan appropriate counter-arguments.

GMOS: We should allow the use of GMOs (genetically modified organisms) in Canada without labelling the food as being GMOs. **You can change the wording of the contention but both groups must agree.**

Group 5 : Pro : GMOs are good! \_\_\_\_\_

Group 6 : Con : GMOs are bad! \_\_\_\_\_

DESIGNER BABIES: It should be legal to select and modify the genes of fertilized embryos. **You can change the wording of the contention but both groups must agree.**

Group 7 : Pro : Designer babies are good! \_\_\_\_\_

Group 8 : con : Designer babies are bad! \_\_\_\_\_

## Preparing a debate /presentation :

1. Brainstorm arguments that you and your opponents will make.
2. Decide which are your strongest arguments 4-6 arguments.
3. Prepare your evidence for your arguments: find research, statistics, facts, examples, images, anecdotes, descriptions, experiences, emotions to make your arguments more persuasive.
4. Decide how to rebut the arguments you predict your opponent's will make.
5. Decide who will make each point and in which order you wish to present them.

**Suggestions for a persuasive and impressive speech:**

1. If you don't want to debate a point, don't bring it up.
2. Don't get mad—get even through use of logic.
3. Negative body language (like rolling the eyes), yelling, slang, name-calling, cursing, being patronizing or condescending does not serve to give the judge/audience a positive impression of you. Please don't do it!
4. Speak with passion and intensity, but not melodrama.
5. Choose your experts and sources wisely. Always provide evidence for your arguments.
6. Use short anecdotes and famous quotes when possible.
7. Know the position of the other side as well as you know your own. This way you won't be surprised.
8. Study the logical fallacies and hold the opposition accountable for logic blunders.
9. Save your best quote, strongest point and highest-impact emotional appeal for summation and final statement.
10. Don't overuse any single strategy.

**Evaluation****Reproduction presentations (groups 5-8)**

<b>Criteria</b>	<b>Grade on 4</b>	<b>Comments</b>
<b>Sources:</b> all are properly cited according to guidelines. You have 3 sources in your bibliography.		
<b>Delivery:</b> you speak clearly, slowly, and convincingly without reading. You maintain eye contact to class. You give the class time to write.		
<b>Persuasiveness:</b> Your arguments are clear and convincing. Your rebuttal is thorough. An attempt is made to refute every point made by the opposition.		
<b>Content:</b> your presentation contains facts and you demonstrate a good understanding of this information.		
You work well in class when given time and you are ready to present on your presentation date		
<b>Time constraints</b> are respected : 2.5 minutes per person	/2	
<b>Final Grade</b>	<b>/22</b>	