



PHONES & EAR BUDS away Please!

Thurs, Nov 2, 2017

Pick up: none

Today you will:

1. Compare & Contrast the two types of reproduction: Asexual & Sexual Concept map

Homework/Planner:

Study by quizzing yourself & finishing work in  
ISN

# DSQ

1. Copy this down:

- GAMETES are sex cells are ALSO called **GERM cells**
- SOMATIC cells are **body cells**

# T Chart

Budding

Binary  
Fission

Two parents:  
Sperm + Egg

One parent

Unique  
Offspring

Identical  
Offspring

Disadvantage:  
less chance of  
survival

Purpose:  
Development,  
Growth &  
Repair of  
Somatic Cells

Mitosis

Regeneration  
Fragmentation

Benefit:  
Convenience

Benefit:  
allows  
for  
variation

Meiosis

Disadvantage:  
slower  
reproduction  
rate

Purpose:  
Production of  
Gametes (Sex  
Cells)

### Answer Key

Directions: Cut the terms and phrases out and then paste them in the appropriate column, classifying each one as either asexual or sexual reproduction. If you are unfamiliar with a term, feel free to research in order to discover the answer. If you do not want to cut them out, you may simply write your choices.

#### Sexual Reproduction

- Two Parents
- Unique Offspring
- Disadvantage: less chance  
Reproduction rate
- Meiosis
- Purpose: Production  
of Gametes (Sex  
Cells)
- Benefit: Allows for  
Variation

#### Asexual Reproduction

- Budding
- One Parent
- Identical Offspring
- Regeneration/Fragmentation
- Budding/Binary fission
- Purpose: Development,  
Growth & Repair of Somatic  
Cells
- Benefit: Convenience
- Disadvantage: less chance of  
survival

# Amoeba sisters

- Watch the video:
- <https://www.youtube.com/watch?v=fcGDUcGjcyk>
- Then complete the review sheet

# KIM Chart

Knowledge (Term)	I(Definition)	M(Memory Aid)
1. Cell Cycle		A picture, word, analogy, etc. – basically anything that helps you remember the meaning
2. Binary fission		
3. Somatic Cell		
4. Diploid		
5. Crossing over		
6. Haploid		
7. Homologous Chromosome		
8. Autosome		
9. Sex Chromosome		
10. Sperm		
11. Egg		
12. Polar Body		
13. Add as many words you want		