

Review the questions on the handout **Watch the** video Complete the each question completely

Warm Up



What am I going to learn today

Today I am going to show what I know about Reproduction and DNA

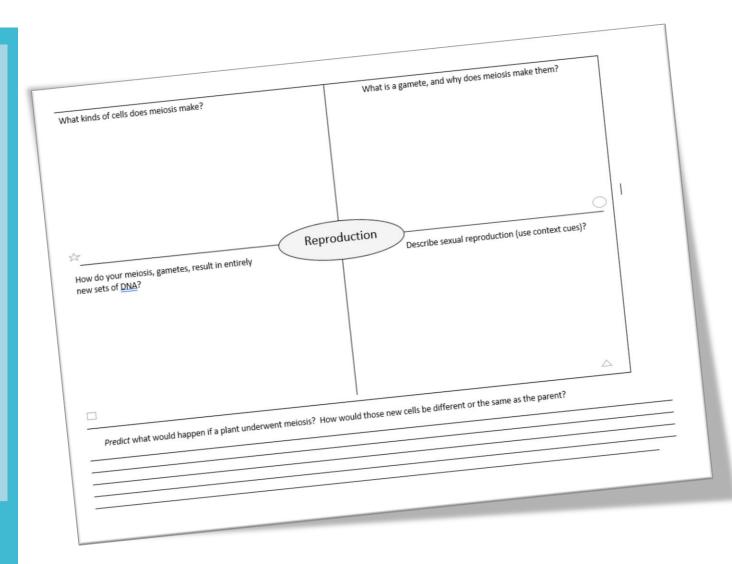
What am I going DO today?

Today I am going to Read!

✓ Life Science Reading: Reproduction

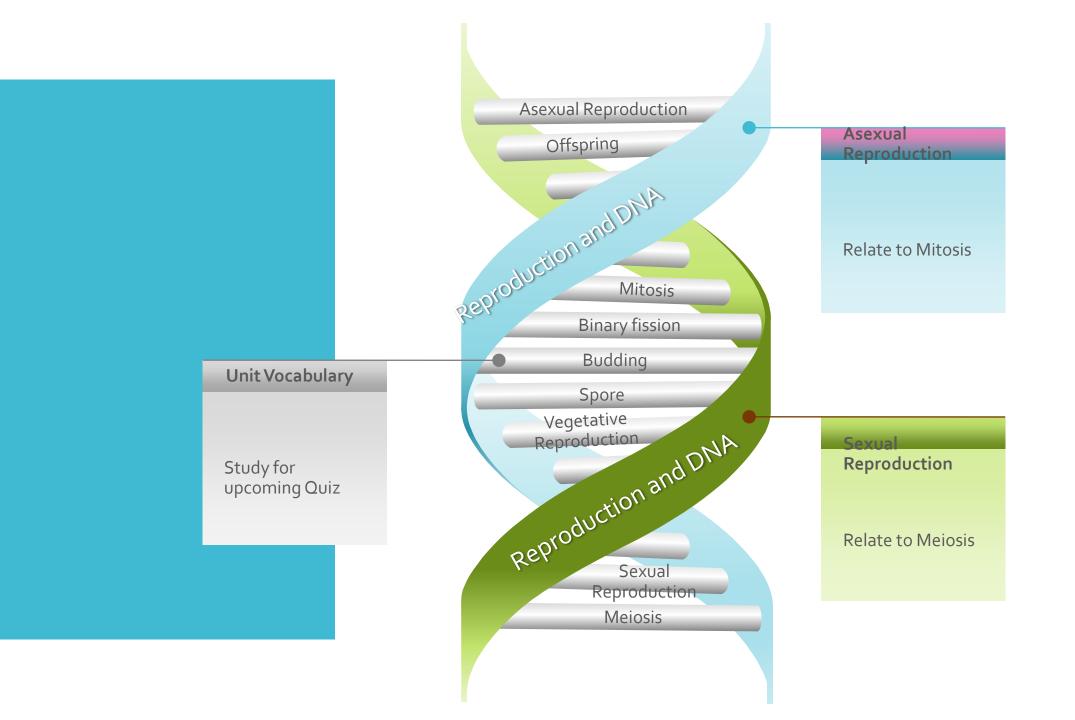
- You've been given 2 page reading on reproduction
- Make a few notes about the "reading"
- Answer the questions
- Be prepare to share your answer on "post-it"

Life Science Reading: Reproduction -You've been given 2 page reading on reproduction - Make a few notes about the "reading" - Answer the questions Be prepare to share your answer on "postit"



What kinds of cells does meiosis make?	What is a gamete, and why does meiosis make them?
A	
How do your meiosis, gametes, result in entirely	Describe sexual reproduction (use context cues)?
new sets of <u>DNA</u> ?	

Predict what would happen if a plant underwent meiosis? How would those new cells be different or the same as the parent?



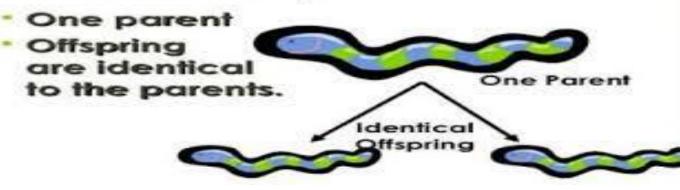
What is Asexual Reproduction?

• One organism produces one or more new organism that is identical to itself.

Describe the genetic makeup of offspring from asexual reproduction

The genetic makeup will be IDENTICAL to the Parent

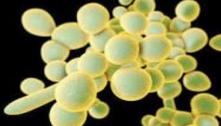
Asexual Reproduction



Can you List 5 organism that reproduce asexually? MY 5 Organisms

- Dandelions
- Bacteria
- Plants
- •Yeast (fungi)
- Mushrooms



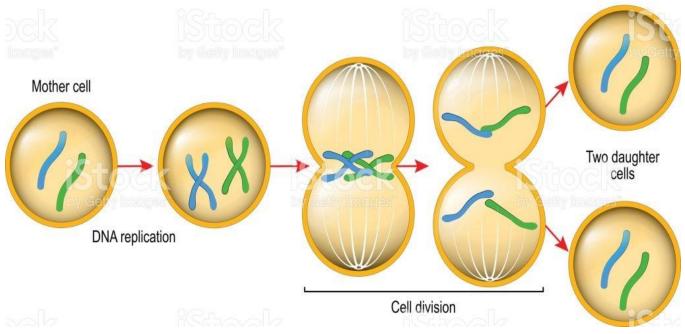


How do organisms reproduce asexually?

Hint page 187

Mitosis- a type of cells division where offspring are identical to parent

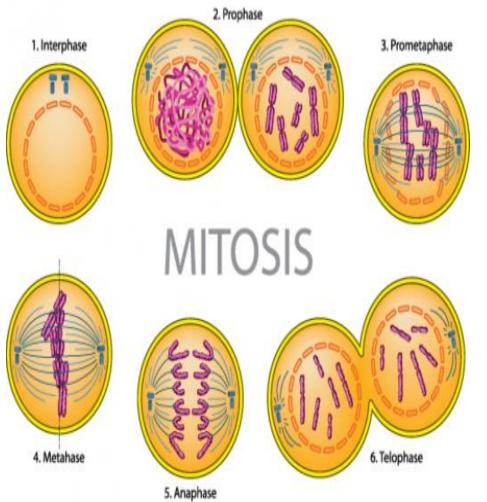
MITOSIS



Asexual Reproduction

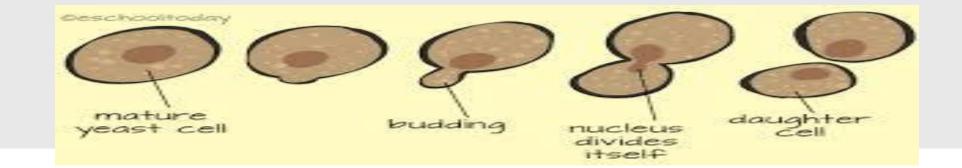
•What is mitosis?

 a type of cells division where offspring are identical to parent



Asexual Reproduction?

What happens in budding? An organism develops tiny bud on its body "Bud" forms a new full sized organism



What is Asexual Reproduction?

•How would you describe a spore? A specialized Cell that can survive harsh conditions.

•Carried by the wind....

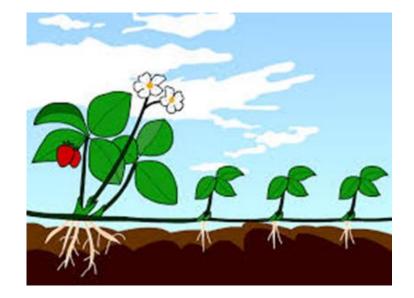
•All living things adapt/evolve

Asexual Reproduction?

Which organisms have them (spores)? FUNGUS Mushrooms

Asexual Reproduction?

•What is vegetative reproduction? • Plants are able to reproduce and make new organism (runners or tubers)



What are 4 advantages of asexual reproduction?

Hint Page 190

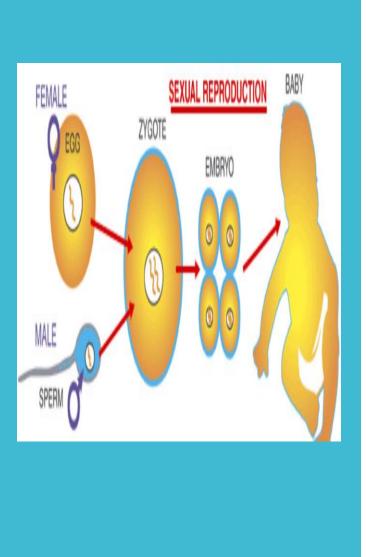
Organism reproduce quickly

Offspring are identical, gets the favorable traits.

Only one parent need (no partner needed)

All offspring can reproduce NOT Just FEMALES!!!

Can multicellular organisms reproduce asexually? Most multicellular organisms reproduce using? Hint: page 188

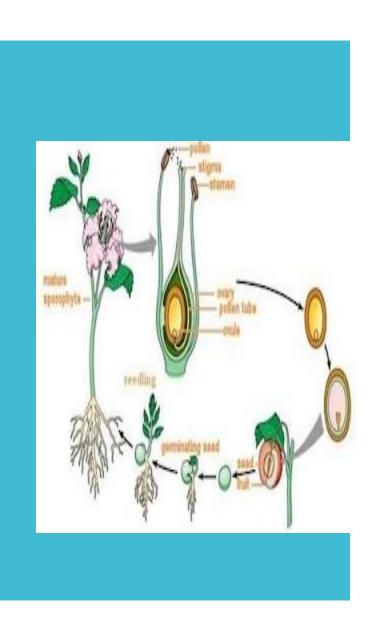


Most Multicellular Organism Reproduce Using?

Sexual Reproduction-Parents contribute a sex cell to form a New Organism

Sexual Reproduction

Why are off spring Not exactly like the parent? Half the genes (DNA) come from one parent while the other half come from the other



Fertilization

One parent is usually female and the other parent is usually male

Fertilization is when the two sex cell are joined together.



Meiosis is the cell division for making sex cells or GAMETES

Offering from asexual vs sexual reproduction

AsexualSexualOne parentTwo parentidenticaldifferent

Can some organisms reproduce using both asexual and sexual reproduction

Yes!

Plants can reproduce asexually using "vegetative reproduction" (tubers and runner

Plants can reproduce sexually Plants (pollen-sperm) Plants (ovule- egg)

Genetic Variation

Many different combinations of genes

What am I going DO today?

Today I am going to: ✓ Complete my Pre-Test

- Number your paper 1-33
- Enter in iRespond

Start my Unit Vocabulary (KIM Chart)

Use Pages 186-193 to get definitions