

Living, Growing, Learning  
Day 4

# Body Wise

So what  
have we  
learned  
so far?



# Babies

What does it take to make a baby?



# Babies

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What does it take to make a baby?

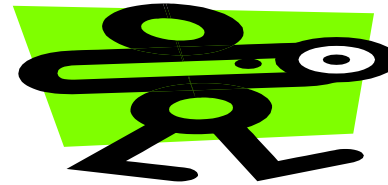
One Egg Cell

AND

One Sperm Cell

# Babies

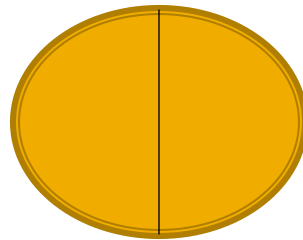
- When the sperm cell fertilizes the egg cell it then leads to cell division



- What do you think that means?

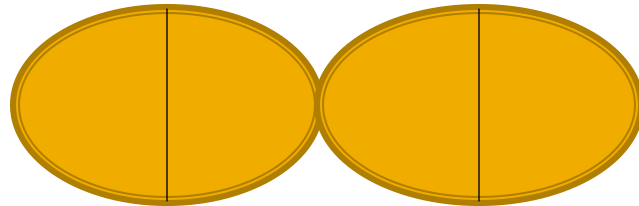
# Babies

- Cell Division
  - One cell divides into 2



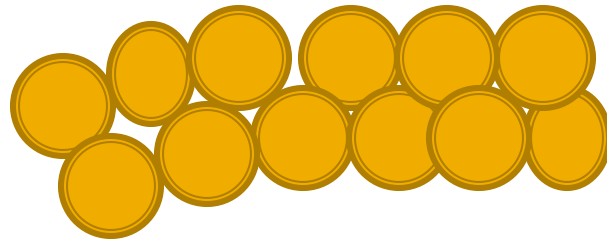
# Babies

- Cell Division
  - One cell divides into 2
  - Those 2 cells divide into 4



# Babies

- Cell Division
  - One cell divides into 2
  - Those 2 cells divide into 4
  - This goes on trillions of times as the baby is growing





# Babies

- Cell Division
  - One cell divides into 2
  - Those 2 cells divide into 4
  - This goes on trillions of times as the baby is growing
  - Cells make us who we are

# Twins

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- There are three types of twins
  - Identical Twins

# Twins

- There are three types of twins
  - Identical Twins
  - Non Identical (Fraternal) Twins

# Twins

- There are three types of twins
  - Identical Twins
  - Non Identical (Fraternal) Twins
  - Conjoined Twins

# Identical Twins

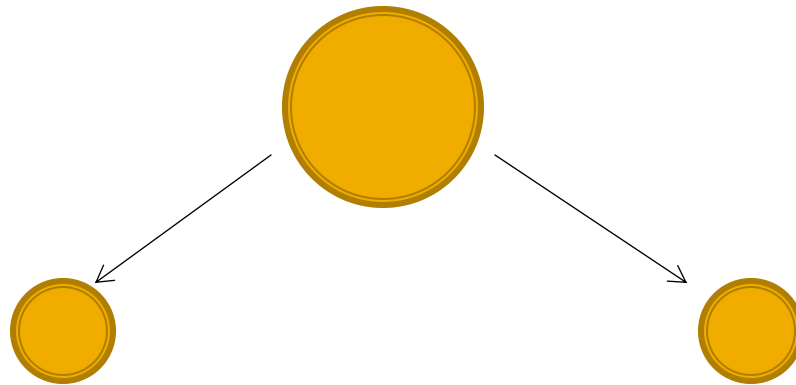
# Identical Twins

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- One Sperm Cell and One Egg Cell

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- About a week after the egg is fertilized it makes an exact copy of itself and separates into 2 cells



# Identical Twins

- One Sperm Cell and One Egg Cell
- About a week after the egg is fertilized it makes an exact copy of itself and separates into 2 cells
- Cell division continues from each copy



# Identical Twins

- Can only be 2 boys or 2 girls



# Fraternal Twins

# Non Identical Twins (Fraternal Twins)

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- 2 Eggs cells get fertilized by 2 individual sperm cells

# Non Identical Twins (Fraternal Twins)

- 2 Eggs cells get fertilized by 2 individual sperm cells
- Can be 2 girls, 2 boys, or boy& girl



# Conjoined Twins

# Conjoined Twins

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- Also known as Siamese Twins

# Conjoined Twins

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- They are identical

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- They are identical
- The fertilized egg does not make its exact copy and divides late





# Conjoined Twins

- Also known as Siamese Twins
- They are identical
- The fertilized egg does not make its exact copy and divides late
- The late division does not give the cells time to separate completely keeping the cells joined



# Conjoined Twins

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- Where can Conjoined Twins be joined?

# Conjoined Twins

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- Where can Conjoined Twins be joined?
  - Head

# Conjoined Twins

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- Where can Conjoined Twins be joined?
  - Head
  - Chest

# Conjoined Twins

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- Where can Conjoined Twins be joined?
  - Head
  - Chest
  - Trunk

# Conjoined Twins

- Where can Conjoined Twins be joined?
  - Head
  - Chest
  - Trunk
  - Backside

# Conjoined Twins

- Where can Conjoined Twins be joined?
  - Head
  - Chest
  - Trunk
  - Backside
- Depending on where conjoined twins are joined determines if they can be separated

# Baby Development



# Baby Development

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How long does it take a  
baby to grow fully?

# Baby Development

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How long does it take a  
baby to grow fully?

40 weeks or 9 months

# Baby Development

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What are some things a  
pregnant mom should  
NOT do?

# Baby Development

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What are some things a pregnant mom should NOT do?

**Smoke**

**Drink Alcohol**

**Do drugs**

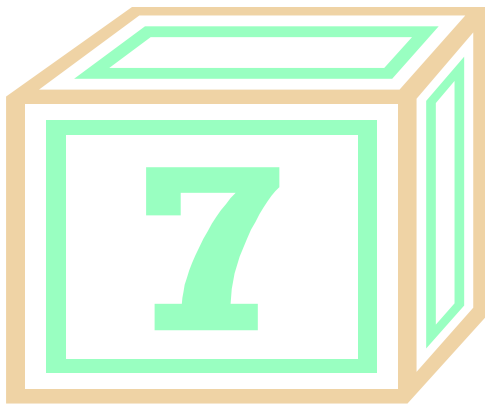
# Baby Development

At how many weeks do you think the heart starts beating?



# Baby Development

- At how many weeks do you think the heart starts beating?



Weeks

# Ultrasound Pictures

# Baby Development



What do you see?



# Baby Development



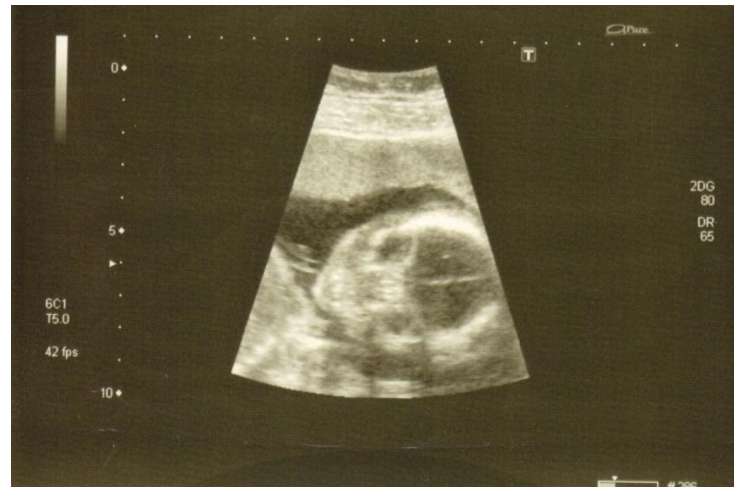
What do you see?

# Baby Development



What is this?

# Baby Development



What do you see?

# Baby Development



What do you see?

# Conclusion

# Body Wise Review

- All the information in these sessions is the Right information



# Body Wise Review

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- Take care of your body and make good choices for your body

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- You will experience puberty when your body is ready



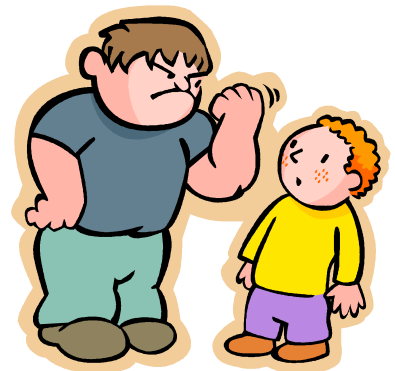
# Body Wise Review

- All the information in these sessions is the Right information
- Take care of your body and make good choices for your body
- You will experience puberty when your body is ready
- When questions come up always turn to your trusted adult or parents for the right answers

**Respect**

# Respect

- Now that you are more mature the bullying and teasing need to stop!



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- You have respected me during this time so you need to respect one another



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- Don't be a follower be a leader



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- You have respected me during this time so you need to respect one another
- Don't be a follower be a leader
- People bully others to make themselves feel better



# Questions?





THE END

GOOD LUCK!!!!!!

