



GOD MADE ME



Science/Worldview | Level 3
Activity Book

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Printed in the United States of America.

ISBN: 978-1-954745-22-3

Cover Design: Justin Turley

Interior Design: Sarah Lee Bryant

Published by: Generations

19039 Plaza Drive Ste 210

Parker, Colorado 80134

Generations.org

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INTRODUCTION

Welcome to the hands-on part of the *God Made Me* course! This *God Made Me Activity Book* is where information from the *God Made Me* textbook is reinforced. Your children will do a variety of activities including running a race to learn how neurons send messages, having an art lesson in anatomical illustration, making chemical reactions to show digestion, going outside to see their own white blood cells, and making “edible anatomy.” These and many activities like them are designed to make each learned concept retainable as well as fun, without being overly burdensome to the parent/teacher.

This introductory course for young, school-age children (grades 3-5) is designed to bring to light the love, wisdom, and power of God that is evident in His creation of the human body. *God Made Me* presents the amazing way our bodies are wonderfully designed, with every part working together for our life and health.

The *God Made Me Activity Book*

provides 108 activities to go along with the student-reading sections, beautiful pictures, and instructive diagrams in the textbook. The activities solidify the day’s lesson with a balance of observation, action, experiments, Scripture, logic, imagination, cooking, math, poetry, games, analogies, puzzles, and art. Every activity is numbered for easy reference to the textbook.

How to use the *God Made Me Activity Book*

God Made Me is divided into nine units of four chapters each. Each unit has a memory verse and a hymn that children will learn while completing the activities in the activity book.

The *God Made Me* course is organized in a way to enable children to internalize what they have learned. Learning comes easiest in small doses with time between each session. Children solidify what they have learned

as they play. It becomes permanent as they sleep. To enable this structure of learning, a schedule is suggested below.

For convenience, this activity book includes a supplies list and answer key.

May the Lord be glorified, and may you be richly blessed as you and your young learners study God's creation of the human body in *God Made Me!*

Suggested Schedule

One chapter per week for 36 weeks.

Day 1	Student reads the first section of the textbook chapter, studying the illustrations. Student completes the corresponding activity in the Activity book (as prompted at the end of each section of the textbook).
Day 2	Break
Day 3	Student reads and studies the second section of the textbook chapter. Student completes the corresponding activity in the Activity Book.
Day 4	Break
Day 5	Student reads and studies the third section of the textbook chapter. Student completes the corresponding activity in the Activity Book.

SUPPLIES LIST

SUPPLIES TO HAVE ON HAND THROUGHOUT THE BOOK:

- Crayons, markers, colored pencils
- A pair of scissors
- Clear tape
- White craft glue
- Knife and cutting board

CHAPTER 1

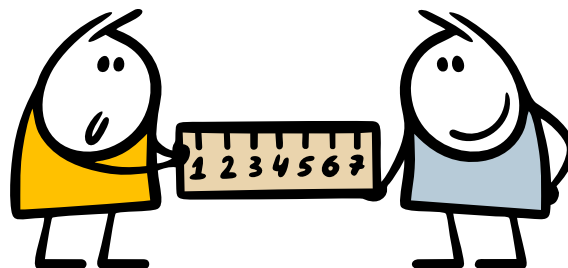
- Craft dough (purchased or homemade)
- For homemade craft dough:
 - 1 cup (125g) flour
 - 1/4 cup (75g) salt
 - 1/2 cup plus one tablespoon (135ml) water
 - 3 tablespoons (45ml) lemon juice
 - 1 tablespoon (15ml) cooking oil
 - Acrylic paint (various colors unless dough is colored as you like)
 - Small paint brush
 - A paper plate or foil
- Half of a peeled banana
- A quart-sized zip-top plastic bag
- A 1/2 cup (120 ml) measuring cup
- 1 teaspoon (5.7 g) salt
- 1 teaspoon (5 ml) liquid dish soap (colored soap is best)
- Funnel
- A coffee filter
- A narrow, glass bottle or drinking glass
- 8 oz (250 ml) or more of 91% isopropyl alcohol
- A wooden skewer or chopstick

CHAPTER 3

- 2 paper bags—one labeled “Mom” and one labeled “Dad.”
- 15 blue objects like blue marbles, dried blueberries, or blue circles of paper
- 10 brown objects like brown marbles, chocolate chips, or brown circles of paper

CHAPTER 4

- Recipe ingredients:
 - 2 cups (180 g) rolled oats
 - 2 cups (56 g) crispy brown rice cereal
 - 1/2 cup (70 g) dried cherries, snipped into pieces
 - 1/4 cups (40 g) chia seeds
 - 1/4 cup (18 g) shredded, unsweetened coconut
 - 1 cup (250 g) unsweetened peanut or nut butter
 - 1 cup (240 ml) brown rice syrup or 3/4 cup (180 ml) honey or maple syrup)
 - 1/2 teaspoon (2.5 ml) vanilla extract
 - 1/2 teaspoon (3 g) salt
- A tape measure
- A scale to weigh student



CHAPTER 5

- A drinking straw
- Fingertip from a disposable latex glove, about 2 inches (5 cm)
- Tape
- A maroon crayon
- A clear drinking glass
- 1/4-1/2 cup (60-120 ml) milk

CHAPTER 6

- A ball
- 2 rooms (or a room and a hall) with a door between them
- 3 people to play

CHAPTER 7

- Mirror
- Tape measure

CHAPTER 8

- Large metal cookie sheet or baking pan
- Small metal saucepan
- A quiet room having a floor with a carpet or rug
- An empty, 16 ounce (480 ml) bottle
- 1/2 cup (120 ml) of 3% hydrogen peroxide solution*
- A packet of active yeast (1 tablespoon or 8.5 g)
 - 1/4 cup (60 ml) of liquid dishwashing detergent

- 6 drops of food coloring (optional)
- A sink or outdoor place where a soapy mess doesn't matter
- A measuring tablespoon, measuring cups:



- 1/4 cup (60 ml) and 1/2 cup (120 ml)
- Funnel

CHAPTER 9

- A one-minute timer
- Access to a blood pressure machine (optional)

CHAPTER 10

- Baking supplies
- A walnut half
- A spaghetti noodle
- A dried cherry
- 2 dried strawberries
- A rotini noodle
- A few raisins for facial features
- (Optional: gumdrops instead of dried fruit)
- Recipe ingredients:
 - 1/3 cup butter (38 g)
 - 1 cup brown sugar (215 g)
 - 1 1/2 cup molasses (355 ml)
 - 7 cups flour (875 g)
 - 1 teaspoon salt (6 g)
 - 1 teaspoon allspice (2 g)
 - 1 teaspoon ginger (2 g)
 - 1 teaspoon cloves (2 g)
 - 1 teaspoon cinnamon (2.5 g)
 - 2 teaspoons baking soda

- Tape measure

CHAPTER 11

- About 100 feet (33 m) of sidewalk
- Sidewalk chalk
- 3 unbreakable cups
- 15 coins

- A ruler

CHAPTER 13

- A mirror
- Large metal spoon

- Small metal spoon
- A mirror
- A room that can get very dark but has a light that can be switched on.
- A clear glass
- A straight straw, skewer, or chopstick

CHAPTER 14

- Small piece of corrugated cardboard
- Small paper clip
- Tape
- Blindfold

CHAPTER 15

- A way to make a single music note (musical instrument, bell, or a glass hit with a spoon) —one for each child
- A large pillow or small trampoline
- A few manilla envelopes stuffed with newspaper
- 3 connected rooms for the three ear parts. The third room should be large enough to walk around in a spiral.
- Or: A backyard or playground creatively adapted to be ear areas and structures, i.e. a spiral slide for the cochlea.

CHAPTER 16

- Mirror
- Magnifying glass
- Flashlight
- Paper towels
- Salt
- Sugar
- A helper
- A soft place to stand (grass, sand, carpet)
- An old pillow or cushion

CHAPTER 17

- A drive in the country

CHAPTER 18

- 2 small, clear glass bowls or glasses
- Cooked rice
- Spoon
- Iodine solution (2%, used for first aid)
- Timer

- Hot tea or cocoa
- A cold tube of yogurt or a tube style frozen pop

- Fresh pineapple or kiwi fruit
- 2 quart sized zip-top plastic bags
- Measuring cups
- Bowl
- 2 envelopes of powdered, unflavored gelatin (4 teaspoons or 16 g)
- Saucepan
- 3/4 cup (180 ml) fruit juice
- Timer

CHAPTER 19

- A cardboard egg carton
- A pair of sturdy scissors
- A ruler

- A lemon
- Citrus squeezer
- Knife
- A leaf from a head of red cabbage
- Saucepan with lid
- Measuring spoons and stirring spoons
- 2 teaspoons (7 g) baking soda
- 2 large, clear drinking glasses

- A jar with a screw-top lid
- Measuring cups and spoons
- 1/2 cup (125 ml) cooking oil
- Green food color

- 1 teaspoon (5 ml) liquid dish soap

CHAPTER 20

- Red beet roots (1 small beet for every person)
- Vegetable peeler
- Cooking supplies
- A blender
- 1/4 cup (60 ml) plain yogurt
- 1/2 banana
- 1/2 cup (125 ml) chopped strawberries or raspberries
- The frozen juice/fruit mixture from Activity 54
- Milk or juice
- Maple syrup
- Gingerbread dough, either made fresh or saved. (See Activity 28.)
- Baking supplies
- 3 spaghetti noodles
- 4-5 penne noodles
- 1 date, pit removed
- 1 piece of crystalized ginger
- 1 dried apricot
- 1 green split pea
- A few raisins
- (Optional: gumdrops instead of dried fruit)

CHAPTER 21

- A die
- 2 or more players
- A game piece or kidney bean for each player
- 3 rooms in a row, the last one being a kitchen
- A bathroom, separate from the three rooms
- A small bucket
- A few tissues

- A few red apples that will fit in the bucket
- A few slices of vegetables
- 6 full sheets of blank paper

CHAPTER 22

- A sunny place to dig a hole 3 feet (1 m) across and 3 feet deep.
- Shovel
- A container for collecting water
- A sheet of plastic at least 4 feet by 4 feet (1.3 x 1.3 meters)
- Rocks for holding down the edges of the plastic
- A small rock for making a low point in the plastic
- A 1 cup (250 ml) measuring cup

CHAPTER 23

- Fresh or frozen liver: 1 chicken liver or about 1/4 cup (60 ml) of beef liver
- 2 bowls
- Kitchen shears
- Blender
- Hydrogen peroxide (3%)

CHAPTER 24

- Gingerbread dough, either made fresh or saved. (See Activity 28.)
- Baking supplies
- 2 dried kidney beans
- 1 uncooked spaghetti noodle
- A flat piece of dried mango or other yellow fruit*
- A few raisins for facial features
- (Optional: gumdrops instead of dried fruit)
- A messy room with toys that need to be picked up and organized
- Wastebasket
- A box or bag for items to give away
- Two temporary boxes to help with

- organizing
- Cleaning supplies: dust cloths, whisk broom, damp cloth, vacuum with attachments

CHAPTER 25

- 4 raw chicken leg bones (drumsticks and/or thighs)
- Kitchen shears
- Baking sheet
- A glass jar (tall enough to hold a chicken leg bone)
- Vinegar (enough to fill the jar)
- 4 pieces of thread in 3 different colors, about 6 inches (15 cm) long
- A hammer
- A small board
- An adult's help
- A cardboard tube, like a toilet paper tube, at least 4 inches (10 cm) long
- A package of drinking straws
- Tape

CHAPTER 26

- A tape measure
- A flat board
- A smaller chunk of board
- Plastic wrap
- Tape
- Cooking oil
- A baking sheet to collect dripping oil

CHAPTER 27

- A board
- Hammer
- 2 nails
- Thumbtack
- Paperclip
- String (about 16 inches or 40 cm)
- Packing tape

- 2 strips of corrugated cardboard (about 2 inches by 10 inches or 5 x 25 cm)
- A broom
- A chair to stand on

CHAPTER 28

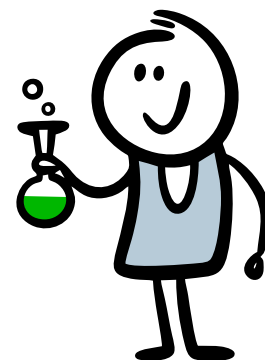
- Gingerbread dough, either made fresh or saved. (See Activity 28.)
- Baking supplies
- Template for "body" (Activity 28)
- A few raisins for facial features
- Dried red fruit like cranberries, strawberries, or cherries*
- A small plastic bag
- Large pieces of flaked coconut
- White icing
- Or icing recipe ingredients:
 - 1/4 cup (36 g) powdered sugar
 - 1 teaspoon (5 g) butter
 - About 3/4 teaspoon (7 ml) milk

CHAPTER 29

- A possible trip to the store to buy first aid supplies for burns and/or an aloe vera plant
- A cardboard tube from a toilet paper roll
- A hole punch
- Clear tape
- Small, shallow bowl
- 2 tablespoons kidney beans or other red beans
- 1 tablespoon garbanzo beans or other white beans
- 1/2 teaspoon chia or poppy seeds

CHAPTER 31

- Blue sky
- An old blanket
- A die
- 2 or more players



- A game piece for each player (You can use vitamin C tablets or zinc lozenges.)

CHAPTER 32

- Craft dough, purchased or homemade (see recipe and ingredients in Activity 1)
- Food color
- Zip-top plastic sandwich bag
- A driveway or other large, outdoor area
- One or more other people to participate at the end

CHAPTER 33

- 4 identical cups or glasses
- 1/4 cup of white vinegar
- 4 teaspoons of baking soda
- An extra cup
- A large area to run around
- 3 small bowls
- 3 tablespoons of vinegar
- 3 colors of food color
- 1 teaspoon of baking soda
- A place where a mess can be made
- Two or more players to play a game
- Standard decks of playing cards—1 deck for each person

CHAPTER 34

- Baby, childhood, and adult photos of a parent, grandparent, or other adult
- An empty aluminum can or plastic water bottle

CHAPTER 35

- A large pot for cooking pasta
- A large bowl for mixing
- A large strainer for draining pasta
- An empty jar that holds about 1 cup (250 ml)

- A fine grater for zesting a lemon
- A citrus squeezer
- 8 ounces (230 g) dry, bowtie (farfalle) pasta
- 1 tablespoon salt for cooking pasta
- 2 (5-ounce or 142-g) chunk tuna, drained
- 1/4 cup (60 ml) chopped red onion
- 1 cup (250 ml) frozen peas
- 1 cup (250 ml) chopped celery
- 1 16-ounce (500 ml) can of navy beans, drained
- 1/2 cup (75 g) sliced almonds
- 2 hardboiled eggs, chopped
- 2 lemons
- 1/4 cup (65 ml) olive oil
- 1 tablespoon (15 ml) Dijon mustard
- 1 tablespoon raw apple cider vinegar
- 1/2 teaspoon (3 g) salt
- 1/2 teaspoon (1 g) black pepper
- Optional: 1/4 cup of chopped fresh parsley
- Optional: 2 tablespoons chopped fresh dill
- Note: Other vegetables or canned seafood may be substituted
- A calculator
- A thin plastic bag like the ones provided in the grocery store's produce section
- A pot or bowl that the plastic bag can rest inside of with its opening stretched around the rim
- A small cup like a cough syrup cup
- A small, shallow bowl that the small cup can fit inside
- A bag of sugar—about 2 pounds (0.5 kg)
- Funnel
- A cup for scooping sugar from the bag

ACTIVITY 1

Make a Unique You

God made you unique—like no one else. The way you look, your personality, and the things you are good at doing were all planned by God. Let's think about what makes you unique.



You Will Need

- Craft dough (purchased or homemade)
- Or ingredients for homemade craft dough (see recipe below)
- Acrylic paint (various colors unless dough is colored as you like)
- Small paint brush
- A paper plate or foil



Let's make a model of you! Use purchased or homemade craft dough to make a sculpture of yourself (see recipe on following page). If your dough allows, you can make your model standing. Otherwise, you can make your model lying down.

Think about what makes you unique: hair, eyes, clothes. Include things that show what you like to do: books, sports equipment, musical instruments. Make your model on a paper plate or piece of foil to protect the table. Let your finished sculpture dry for several days. If you did not use dough of different colors, paint your model after it dries.

Homemade Craft Dough

- 1 cup (125g) flour
- 1/4 cup (75g) salt
- 1/2 cup plus one tablespoon (135ml) water
- 3 tablespoons (45ml) lemon juice
- 1 tablespoon (15ml) cooking oil

Mix the flour and salt in a mixing bowl. In a small saucepan, combine the water and lemon juice. Bring the mixture to a boil. Remove from heat and add the liquid to the flour mixture. Mix with a spoon. Stir in oil, kneading with your hands if necessary. Allow the dough to cool. When cool, add more flour if the dough is too sticky.

Suppose you took your model to the playground and lost it. Then, one day, an observant child found it. He looked at your model and said, “Someone made this!” It would be obvious to him that your model was a specially made creation.

In this course, you will be learning many amazing things about how your body works. It will become more and more obvious that you are a specially made creation. May you always remember that God planned who you are. May you always say, “God made me!”



Sing the hymn for this unit.



Write or repeat the memory verse for this unit.

Before I formed you in the womb I knew you. (Jeremiah 1:5)

ACTIVITY 2

Look at the Instructions

Adam, Eve, and all the people since them have had instructions built into their bodies. Some of these instructions make each person human. Every human being has these same built-in instructions. Other instructions make each person different from other people.

All life, including animals and plants, comes with instructions. Single pieces of instructions can't be seen without a microscope. But it is possible to separate instructions from living or once-living things, clump them together, and see the clumps with our eyes. Let's try this out!



You Will Need

- One half of a banana, peeled
- One quart-sized, zip-top plastic bag
- Measuring cup (1/2 c) and measuring spoon (1 tsp)
- 1 teaspoon (5.7 g) salt
- 1/2 cup (120 ml) hot tap water
- 1 teaspoon (5 ml) liquid dish soap (colored soap is best, so you know when it's mixed)
- Funnel
- Coffee filter
- A narrow drinking glass, bottle, or jar made of glass
- 8 oz (250 ml) of 91% isopropyl alcohol (Put in the freezer ahead of time. It will stay liquid.)
- Wooden skewer or chopstick





Today we are going to separate banana instructions and see them!

1. Place the half banana in the plastic bag. Press the bag to remove most of the air and zip the bag. Mash with your hands about 1 minute so all the lumps are gone.
2. Dissolve the salt in the hot water. Add the salt water to the banana in the bag. Close the bag, and swirl to mix.
3. Add the dish soap, close, and mix gently, being careful to not make too many suds.
4. Place the coffee filter in the funnel and put the funnel on top of the narrow glass container. Slowly pour the banana mixture into the coffee filter and wait until it's finished dripping through (30-60 minutes). Remove the funnel.
5. Tilt the glass container and gently pour alcohol down its side, being careful that the alcohol remains on the surface of the banana mixture without mixing in. Add alcohol until there is about 1 to 2 inches (2.5 to 5 cm) floating on top of the banana mixture. Wait about 10 minutes.
6. You should now see white strands coming up into the alcohol layer. Gently stir this area with the wooden skewer. The strands you collect are clumps of banana instructions tangled together!





Sing the hymn for this unit.



Repeat the memory verse for this unit.



Thank God for the instructions He put inside you.

ACTIVITY 3

The Importance of Small Things

Look also at ships: although they are so large and are driven by fierce winds, they are turned by a very small rudder wherever the pilot desires. Even so the tongue is a little member and boasts great things. See how great a forest a little fire kindles! (James 3:4-5)



Each of the small things below makes bigger things happen. Write numbers 1-4 to the left of the pictures to show their sizes from smallest to largest. Then draw lines to connect the pictures with their name and definition. (Hint: Two definitions will not be used, but they are good to know.)

These verses describe three small things that can make big things happen. It's meant to warn us about the words we say with our little tongues. Let's see what you've learned about some of the small things in your body!



ACTIVITY 3: THE IMPORTANCE OF SMALL THINGS

A



Molecule — the smallest piece of something that still is that thing.

B

Me

(Draw yourself)

DNA — large “instructions” molecule.

C



Me — a unique person created in God’s image.

D



Cell — the smallest living part of your body.

Ribosome — a protein-making structure in cells.

Nucleus — the “brain” of the cell.



Sing the hymn for this unit.



Repeat the memory verse for this unit.



Thank God for the important jobs these little things do. Ask His help with using your tongue in the right way.

ACTIVITY 4

Who Are You Like?

You are a person. The DNA instructions that made you human started when God created Adam and Eve and gave human DNA to them. After that, Adam and Eve passed their human DNA to their children, who passed it to their children. This happened over and over again and is still happening today. After Adam and Eve, every human being that has been born has a dad and a mom.

But among the people on earth, there is a lot of variety. People can look quite different from each other because of differences in certain parts of their DNA. These differences tend to pass from parents to children so that children often look like their parents. Some of your features, like your nose shape, may still be changing. Some of your talents may not have shown up yet. But let's see the ways you might already be like your parents!



Fill in the first three columns of the chart below to see whose DNA shows up in you. If you don't know what your birth parents looked like, write your own information in the last column again. One or both of your birth parents probably had your features and would have passed their DNA to you.

	Me	Mother	Father	If adopted, birth parents might have had...
Eye color				
Hair color/ texture				
Skin color				
Tallness/ shortness				
Physical talents (sports, music, etc)				
Mental talents (math, language, etc.)				



Answer these questions:

1. Which parent do you seem to be the most similar to?

2. Do you have any features or talents that may have come from a grandparent or great grandparent instead of a parent? Which feature or talent?

3. Which part of the world do you think your ancestors lived hundreds of years ago?

4. How many human parents did Jesus have? What was different about Jesus's birth? Did He have both a human mother and a human father?
-
-

God created you with certain features and talents. He also gave you the parents you have. These things are important to God and are part of who you are. Who you will become is also important to God. This verse says that His children will one day be like Christ. We look forward to that day!

Beloved, now we are children of God; and it has not yet been revealed what we shall be, but we know that when He is revealed, we shall be like Him, for we shall see Him as He is. (1 John 3:2)



Sing the hymn for this unit.



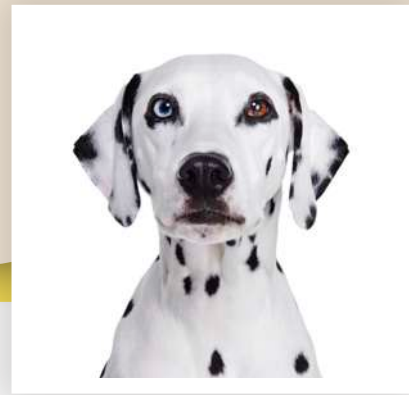
Repeat the memory verse for this unit.



Thank God for your parents. Thank your parents for taking care of you and for helping you grow as a child of God.

ACTIVITY 5

Hands-on Eye Color



Let's try to understand how DNA decides a baby's eye color!

Some dogs have eyes of two different colors. Their DNA information has different instructions for each eye!

You Will Need

- Two paper bags—one labeled “Mom” and one labeled “Dad.”
- 15 blue objects like blue marbles, dried blueberries, or blue circles of paper
- 10 brown objects like brown marbles, chocolate chips, or brown circles of paper



Follow these steps below.

1. First we'll pretend that the baby's mother has blue eyes. Her eyes are blue because her mother and her father both gave her DNA for blue eyes. She won't have any brown-eye DNA. Put 10 blue objects in Mom's paper bag. Each blue object will stand for a piece of blue-eye instruction she could give to her baby.
2. We'll also pretend that the baby's father has brown eyes because his mother and father both gave him DNA for brown eyes. He won't have any blue-eye DNA. Put all 10 brown objects in Dad's paper bag.
3. Now, take one object from each bag at the same time. Look at the two objects and decide what Baby's eye color would be if he received these pieces of instruction. Remember: brown is dominant. Make a check mark in the

correct box in the chart below for the eye color Baby would have. Repeat for the remaining objects in the bags.

Chart A	1	2	3	4	5	6	7	8	9	10
Blue										
Brown										

- Now let's pretend that baby's mom again got DNA for blue eyes from both her parents. Put 10 blue objects in Mom's bag.
- This time, let's pretend that Dad still has brown eyes, but that he has "hidden" blue-eye instructions from a blue-eyed parent. Put five brown objects and five blue objects in Dad's bag.
- Then, take one object out of each bag at the same time. Decide what color Baby's eyes could be each time. Make a check mark in the correct box of the chart below.

Chart B	1	2	3	4	5	6	7	8	9	10
Blue										
Brown										

- Let's try once more! This time, pretend that both of baby's parents have brown eyes but have "hidden" DNA instructions for blue eyes. Place five blue and five brown objects in Dad's bag. Do the same for Mom's bag.
- Remove objects one at a time as before. Mark the chart below.

Chart C	1	2	3	4	5	6	7	8	9	10
Blue										
Brown										

1. Which combination of DNA instructions would most likely give Baby brown eyes (Chart A, B, or C)?

2. Which combination would most likely give Baby blue eyes?

3. What color of eyes would Baby likely have if both parents had only brown objects in their bags?

Do the children in your family have different colored eyes? Can you explain the reason for each child's eye color?



Sing the hymn for this unit.



Repeat the memory verse for this unit.



Praise God for beautiful, colorful eyes!

ACTIVITY 6

Genetics Crossword Puzzle



Genetics is the study of genes and the traits they show. Use the clues below to complete the crossword puzzle using words from the word list.

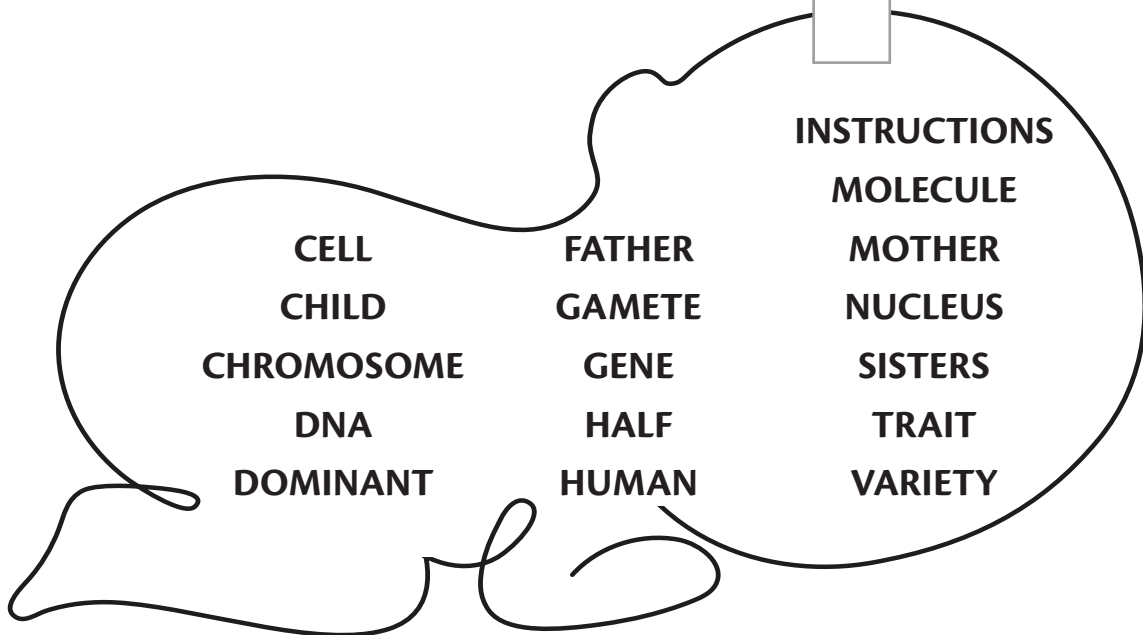
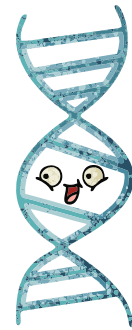
Across:

3. What we say about the gene whose trait shows up in the child. "It's _____."
4. God gave us a _____ of genes to make each person unique.
5. A cell given by one parent which contains half the DNA instructions
7. A feature which shows up in a person because of his genes
8. A molecule of DNA wrapped around proteins
11. A being made in God's image
12. What you are to your parents
14. A molecule that looks like a very long, twisted ladder
15. Male parent
16. The smallest living part of the body

Down:

1. These are given by DNA
2. The pair of identical chromosomes joined near their middles
5. A place in the DNA molecule that gives instructions for a certain trait
6. The place in the cell where DNA usually lives
9. Female parent
10. DNA is a long one of these.
13. The portion of DNA a child receives from one parent. Not the whole, but _____.

ACTIVITY 6: GENETICS CROSSWORD PUZZLE





Sing the hymn for this unit.



Repeat the memory verse for this unit.



Thank God for the variety in genes that makes everyone unique.

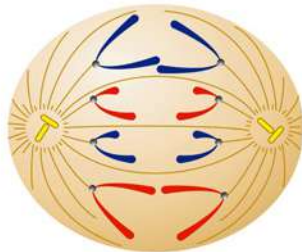
ACTIVITY 7

Put Mitosis in Order

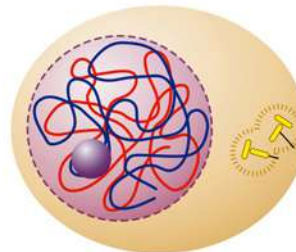


Below are cells shown in the different stages of mitosis. Cut out the cells and attach them in the boxes on the following page in the order they happen. You can look at Chapter 3 in your companion *God Made Me* textbook if you need help.

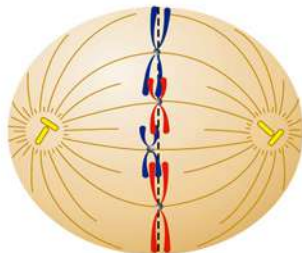
A



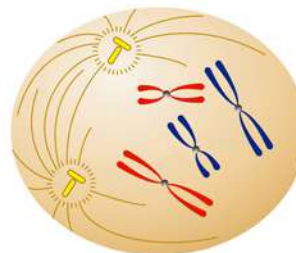
B



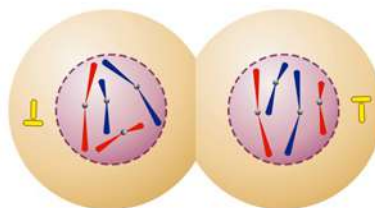
C



D



E



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ACTIVITY 7: PUT MITOSIS IN ORDER

1

2

3

4

5



Sing the hymn for this unit.



Repeat the memory verse for this unit.



Praise God for mitosis—God’s way of making exact copies of important DNA.

Coloring Page: God Will Not Forget Us



Can a woman forget
her nursing child,
that she should
have no compassion
on the son of her
womb? Even these
may forget, yet I
will not forget you.
(Isaiah 49:15)

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ACTIVITY 9

A Person Within a Person

Only God can grow a person inside another person!



Write the numbers 1-15 on these drawings showing a baby's growth inside Mom. They are already in the correct order.

When a baby girl has been in her mother's womb for six to nine months, God begins to form gametes inside Baby Girl. This means that Baby Girl's pregnant mom is carrying her daughter and the beginnings of possible grandchildren in her womb!



LIFE BEGINS



1 DAY



1 1/2 DAYS



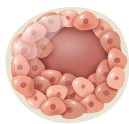
2 DAYS



3 DAYS



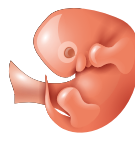
4 DAYS



HOLLOW BALL



1 MONTH



2 MONTHS



3 MONTHS



5 MONTHS



6 MONTHS



7 MONTHS



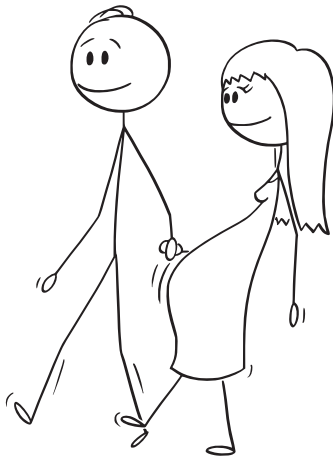
8 MONTHS



9 MONTHS



Draw a heart on the mom's dress where her baby is growing.
Draw more happy stick people to show family members and relatives that will welcome the baby.



Sing the hymn for this unit.



Repeat the memory verse for this unit.



Thank God for the changes that happen to Baby and Mom so that Baby can grow in the special womb-room.

ACTIVITY 10

Make a Healthy Snack for a Baby in the Womb

When babies are growing in their mother's wombs, they need certain kinds of healthy food. Since babies can't eat in the womb, their mothers need to eat the right foods for them. God takes care of delivering these good things to babies through the placenta and umbilical cord.



Make the healthy recipe on the next page and give these breakfast bars to a pregnant mom or a mom with a new baby. If you don't know of any moms like this, your family can eat the bars. They are healthy for anyone!



Sing the hymn for this unit.



Repeat the memory verse for this unit.



Ask God to help you notice ways you can help pregnant moms or moms with small babies.

Oatmeal Cherry Breakfast Bars

Ingredients:

- 2 cups (180 g) rolled oats
 - 2 cups (56 g) crispy brown rice cereal
 - 1/2 cup (70 g) dried cherries, snipped into pieces
 - 1/4 cup (40 g) chia seeds
 - 1/4 cup (18 g) shredded, unsweetened coconut
 - 1 cup (250 g) unsweetened peanut or nut butter
 - 1 cup (240 ml) brown rice syrup or 1/2 cup (120 ml) honey or maple syrup
 - 1/2 teaspoon (2.5 ml) vanilla extract
 - 1/2 teaspoon (3 g) salt
1. Generously line an 8 x 8 inch (20 x 20 cm) baking pan with baking parchment so the paper comes up the pan's sides. Cut an 8 x 8 inch piece of parchment to use later.
 2. In a small saucepan, heat the nut butter, syrup, and vanilla until it can be easily stirred and mixed.
 3. Mix the other ingredients in a medium bowl.
 4. Add the wet ingredients to the dry ingredients and stir to mix.
 5. Pour the mixture into the lined pan. Cover the mixture with the other piece of parchment paper and press it down to tightly pack the mixture.
 6. Refrigerate the pan for 30 minutes. Slice into 16 bars and store them refrigerated up to two weeks or frozen up to three months.



Dried cherries contain a chemical (anthocyanin) that helps the growth of a baby's brain in the womb. This chemical also helps pregnant moms if they have swelling or joint pain.

The fiber in oats and the protein in nut butter help moms make milk for their babies.

