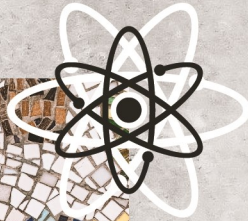


VARIETY

THE MANY DIFFERENT
TOPICS OF SCIENCE



INSIDE

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KNOW WHY YOU BELIEVE
WHAT YOU BELIEVE



The Earth

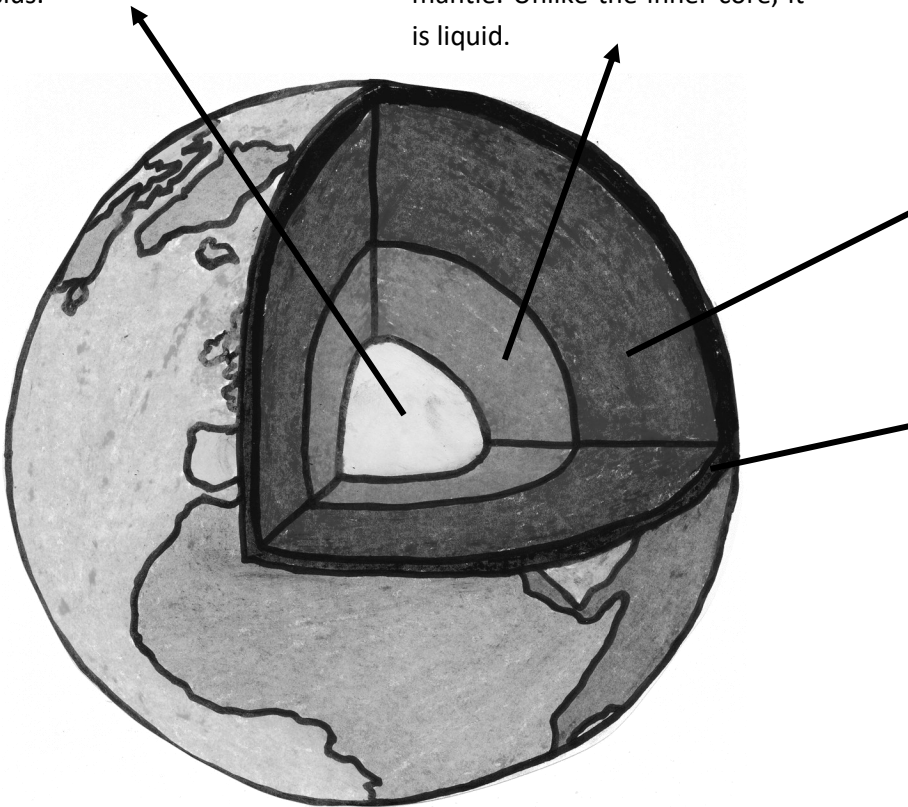
When we look for evidence of a Creator we don't have to go far! God knew what he was doing when he designed the earth! Each part of the earth has a special job that is necessary for life to survive. Is it possible the earth happened to be made like this or did someone specially design it?

INNER CORE

A solid ball composed of an iron-nickel alloy. The inner core has a temperature of 5,400° Celsius.

OUTER CORE


A fluid layer that is made of iron and nickel. It is located above Earth's inner core and below the mantle. Unlike the inner core, it is liquid.



Big Bang


Not everyone believes God created the universe. Some people think it all happened by itself or that it happened with a Bang! This is an explosion so big that happened so fast that everything was created in a second. Did everything happen in a second? Did everything just sort of happen and appear? Or did someone specially create everything? Every book, tree, and building have a creator. The universe is no different. It didn't all just appear...it is part of the creation of the most amazing creator of all—God!

MANTLE



The mantle is composed of rocks that are rich in iron and magnesium. It is the thickest layer of the earth.

CRUST



The crust is made of loose rocks where continents and oceans are located.

Hebrews 4:3

For only we who believe can enter his rest. As for the others, God said, “In my anger I took an oath: ‘They will never enter my place of rest,’” even though this rest has been ready since he made the world.

The Human Body

When we look for evidence of a Creator, we don't have to go far! The human body is a good place to start. Read through these statements and talk about whether or not they show we were specially created by God or if it is possible that life here on earth just happened.

1. Your heart was made to pump blood day and night—24 hours a day, 7 days a week.

2. What would happen if your heart stopped pumping blood?

3. Your heart beats about 100,000 times in a day.

4. Your nose and ears do not stop growing. They continue to grow the whole time you are alive. What would happen if they were not made to keep growing?

5. No two people have the same fingerprints. We were also made to have different tongue prints.

6. Your brain was made special. The left side of your body is controlled by the right side of your brain. The right side of your brain is controlled by the left side of your brain.

Write out the following Bible verses and take some time to review them each day.

7. Job 12:10

8. Genesis 1:26-28

Where Did Humans Come From?

When we look for evidence of a Creator we don't have to go far! Read through these statements and talk about whether or not they show we were specially created by God or if it is possible that life here on earth just happened.

1. Think about what you have heard about where we come from.

- A. Have you ever heard that we evolved from apes and monkeys?
- B. Do you believe that millions of years ago ape-men wandered the earth?
- C. Has someone told you that you are just another animal?
- D. Others believe that millions of years ago a single-celled creature appeared on earth.
- E. Have you heard of other ways? What do YOU think?

2. There are many ideas about where we came from. Not everyone believes the Bible.

- A. How do we know which view is the correct one? What evidence can you examine?
- B. Do you know anyone who has been around from the beginning, and whom you trust to tell you the truth?

God is eternal, which means He does not have a beginning or an end. He has always existed. God always tells the truth so we can trust His account of history in the Bible to be completely accurate.

Write out the following Bible verses and take some time to review them each day.

3. Genesis 1:24-26

4. Genesis 2:4-7

5. Genesis 2:18-23

Metamorphosis

When we look for evidence of a Creator we don't have to go far! Metamorphosis is the change in form from one state to the next in the life history of an organism. God has specially and uniquely designed caterpillars to turn into butterflies instead of continuing to grow from baby caterpillars and ending at adult caterpillars. This process is called complete metamorphosis. If just one part were missing this would not work. This can only be explained by the hand of our Creator!

1

Caterpillar eggs are laid on the leaves they eat. When they are born they do not have to go very far for food.



2

The caterpillar begins eating so it can grow and get ready to enter metamorphosis.



2 Corinthians 5:17

This means that anyone who belongs to Christ has become a new person. The old life is gone; a new life has begun!



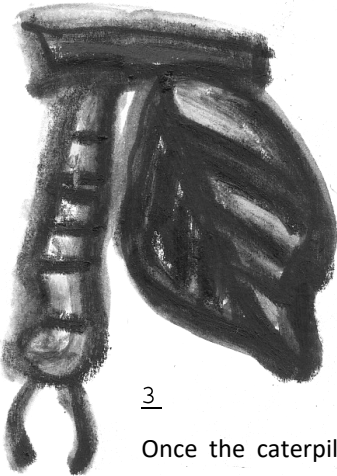
5

The fully grown butterfly pumps blood from its abdomen into its wings and begins to fly.



4

The caterpillar lives in the chrysalis eating parts of its own body (parts that are no longer needed as its body changes) during the process of changing from a caterpillar to a butterfly. After the butterfly is fully grown it is ready to start flying!



3

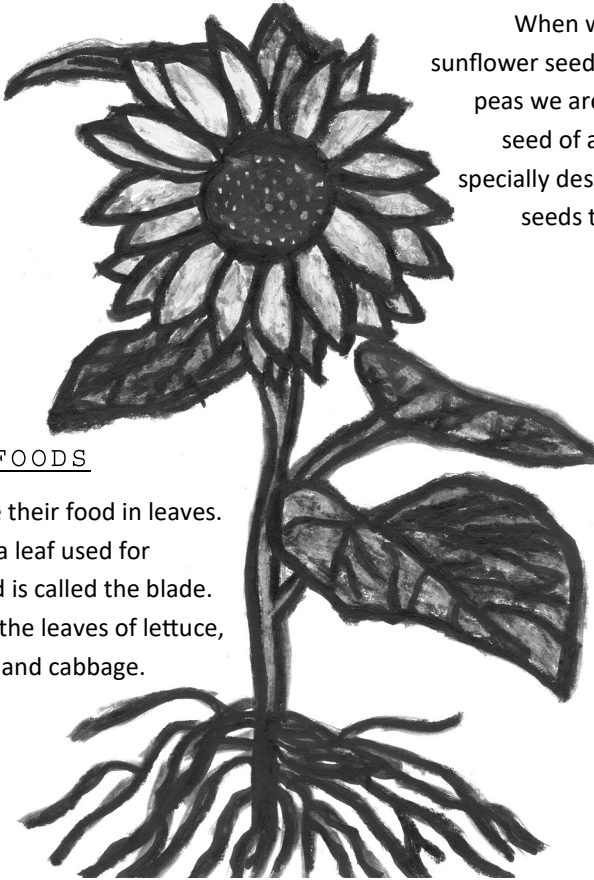
Once the caterpillar is fully grown it spins a tiny pad of silk and attaches itself to it. This is the beginning of metamorphosis.

Plant Parts You Eat

When we look for evidence of a Creator, we don't have to go far! God specially designed plants to produce food! We are able to eat parts of plants or flowers.

SEED FOODS

When we eat corn, sunflower seeds, beans, or peas we are eating the seed of a plant. God specially designed these seeds to be eaten.



LEAFY FOODS

Plants make their food in leaves. The part of a leaf used for making food is called the blade. We can eat the leaves of lettuce, malunggay, and cabbage.

ROOT FOODS

Roots anchor plants into the ground. They grow under soil. Plants use their roots to absorb nutrients from soil. We eat the roots of carrots, potatoes, onions, and radishes.

1. Read and summarize Genesis 1:27.

2. Read and summarize Hebrews 4:3.

3. Read Genesis 1:6-8 and describe what is being talked about.

What are Clouds?

Everyone has seen the big puffy white things in the sky that look like pillows. Those are clouds. They have moisture in them like rain or ice crystals. God's design is written all over their design. For example, clouds form when warm, moist air moves upward from the earth's surface. You cannot see the drops of water because they are too small to see and then they turn into a gas called water vapor. When the water vapor goes higher in the sky, the air becomes colder. This makes the water droplets stick together like salt does in a salt shaker without rice!

If you look up at the sky, you can see that God made clouds to come in all different shapes, colors, and sizes. Some are white, some are dark, some are big and some are small. The different shapes, colors, and sizes allow us to see what the weather will be like. If the clouds are dark it may mean rain is on the way, but if they are white it usually means the weather will be good. In the Bible, the Israelites also looked to the sky. Instead of looking at the weather they were looking for directions. God gave them a pillar of clouds to lead the way by day and a pillar of fire by night to help them see where He was leading them.

Exodus 13:21

The LORD went ahead of them. He guided them during the day with a pillar of cloud, and he provided light at night with a pillar of fire. This allowed them to travel by day or by night.



Cumulus Clouds

These clouds are like cotton. A cumulus cloud may contain as little as 25 gallons or 94 liters of water.

Stratus Clouds



These clouds are layered clouds that lay across the sky like a blanket. Stratus clouds are very flat and are not disturbed by wind. They usually cause snow.



Cirrus Clouds

These clouds can be found at a high altitude and often happen before a warm front that causes rain or snow. Did you God designed high cirrus clouds to make a ring around the sun or moon? This means there is a chance of rain or snow!

Review Questions

1. Think about what you learned in Lesson One. Who do you believe created the universe? Why?

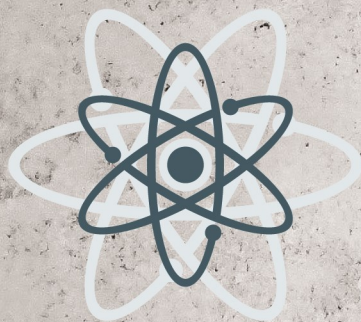
2. Look at the drawing of Earth in Lesson One. Each part has a special job. What are the parts? Would it be possible for Earth to exist without one of the parts? Why or why not?

3. Look at Lesson Four. In your own words, describe metamorphosis.

4. Look at Lesson Four. Read Point #4. Describe what you read. Do you think God specially designed this, or did it just happen?

5. Look at Lesson Five. We get many different kinds of foods from plants. List the three categories and summarize them.

6. Lesson Six explains clouds. Three basic types of clouds have been specially designed. God made clouds in many different shapes and sizes. Write the three types of clouds and how they differ.



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