



VINTAGE ADVENTURE

Ⓐ HOME

CREATION DAY 2 – SKY, LAND & SEA



Dear Vintage Adventure @ Home friends



How quickly the year seems to be passing! We trust you had a happy Easter and are looking forward to warmer days and even more blossom on the trees and colour in the gardens.

*In this month's issue we have some fascinating information about the world around us, especially the sky, atmosphere and space. Margaret reviews a wonderfully illustrated book entitled *The Work of His Hands*, which describes the almost unique experience of Colonel Jeffery Williams who spent a considerable time on the International Space Station carrying out experiments. It just so happens that Colonel Williams is a Christian and for him the wonders he experienced first hand speak of the majesty of our Creator God.*

Janet has prepared some worship for us, which focuses on the second day of creation as recounted in Genesis 1. The two reflections both include interesting facts about our atmosphere, especially aspects we may take for granted, such as air, rain and clouds.

We know that some of you are particularly keen to keep your minds active through quizzes, so we have included a Spring Quiz, plus other pieces related to our theme. But if scientific items are not so much your 'thing', then please enjoy the visual puzzles we have found, the optical illusions, and the word search.

We trust that as you browse our booklet, you will be struck by the magnificence of the creation around us and the breathtaking marvels God has provided for us. Remember that even though we do not know all of you personally, God does, and He loves you. Why not tell Him about anything that is on your mind? Be assured of our love and prayers for you.

Blessings

Cynthia and your Caraway friends



Opening Scripture



And God said, "Let there be an expanse between the waters to separate water from water." So God made the expanse and separated the water under the expanse from the water above it.

And it was so. God called the expanse "sky". And there was evening, and there was morning – the second day.

Genesis chapter 1 v 6-8

Opening Prayer

I will praise You, O Lord, with all my heart;

I will tell of all Your wonders. I will be glad and rejoice in You;

I will sing praise to Your name, O most High.

Psalm 9 v 1&2



Reflection

I wonder if you have ever thought how ordered God is. We see in the very beginning that everything was formless and dark. The Spirit of God hovered over the waters. The first thing was to create light, so God was able to see what needed doing. Isn't this the first thing we do when we enter a dark room? We switch on the light to see what needs doing. Then God moved on and divided the land and sea and so the steps of creation unfolded.

Hymn

God Whose almighty word chaos and darkness heard,
and took their flight: hear us, we humbly pray,
and where the Gospel day sheds not its glorious ray, let there be light.



Saviour, Who came to bring on Your redeeming wing
healing and sight, health to the sick in mind,
sight to the inly blind: O now to all mankind let there be light.

Spirit of truth and love, life-giving, holy dove, speed on Your flight!
Move on the water's face bearing the lamp of grace and,
in earth's darkest place, let there be light.

Gracious and holy Three, glorious Trinity, wisdom,
love, might: boundless as ocean's tide rolling in fullest pride
through the world far and wide, let there be light.

J Marriott (1780 – 1825)

Scripture



Then I saw a new heaven and a new earth, for the first heaven and the first earth had passed away, and there was no longer any sea. I saw the Holy City, the new Jerusalem, coming down out of heaven from God, prepared as a bride beautifully dressed for her husband. And I heard a voice from the throne saying, "Now the dwelling of God is with men, and He will live with them. They will be His people, and God Himself will be with them and be their God. He will wipe every tear from their eyes. There will be no more death or mourning or crying or pain, for the old order of things has passed away."

Reflection

We have travelled from the beginning of God creating land and sea, to the end of creation as we know it, but through it all God has walked with us in the good and bad times. Here in Revelation we see the new heaven and new earth coming to us. However difficult life may be, we have this hope to sustain us.



Hymn

All creatures of our God and king lift up your voice and with us sing
Alleluia, alleluia! Bright burning sun with golden beam,
soft shining moon with silver gleam, O praise Him, O praise Him,
Alleluia, alleluia, alleluia!



Cool flowing water, pure and clear, make music for Your Lord to hear,
Alleluia, alleluia! Fierce fire so masterful and bright
giving to man both warmth and light, O praise Him, O praise Him,
Alleluia, alleluia, alleluia!

Earth ever fertile, day by day bring forth Your blessings on our way,
O praise Him, alleluia! All fruit and crops that richly grow,
all trees and flowers God's glory show, O praise Him, O praise Him,
Alleluia, alleluia, alleluia!

People and nations take your part, love and forgive with all your heart;
Alleluia, alleluia! All who long pain and sorrow bear,
trust God and cast on Him your care; O praise Him, O praise Him,
Alleluia, alleluia, alleluia!
W. H. Draper (1855-1933)

Closing Prayer

Dear Lord and Father we thank you for Your creation of sky, land
and sea and Your continuing creation of dying and raising to new life
and re-birth. May we never lose the wonder of Your love for us and
Your blessings upon us. Amen



Reflection



Day 2 of Creation's story - God Created Sky

Then God said, "Let there be a space between the waters, to separate the waters of the heavens from the waters of the earth." And that is what happened. God made this space to separate the waters of the earth from the waters of the heavens.



God called the space 'sky.' Genesis 1:6-8 NLT version

As this day began, we find that deep waters covered the face of everything but then God separated the water above the earth from the water on the earth, placing sky between the two. The sky (our atmosphere) is like a blanket of gases protecting the earth and us from the burning heat of the sun and the extreme of temperature overnight when the sun sets. This keeps temperatures habitable for our living on earth. The atmosphere contains the oxygen we need to live and creates the pressure without which liquid water couldn't exist on the earth's surface. Although we cannot see the atmosphere, it is constantly playing the part God intended.



In the sky, He created clouds. At any given time, about 70% of the earth's surface is covered by continually changing clouds in an infinite variety of forms. Water is constantly re-cycling through the atmosphere, where it evaporates from the earth's surface and rises on warm updrafts. It condenses into clouds, is blown by the wind, and then falls back to the earth as rain or snow. Clouds play a complex role in our climate so that if water vapour disappeared, so would the rain, snow, ice, and hail, making the earth uninhabitable. How often we become miserable when the sky is covered in grey clouds and yet without them and the water they contain we couldn't live.

Although the Bible tells us that waters existed in the beginning, it was on day 2 that God's divine order for them commenced, to be continued on day 3.

Water is an incredible provision from God, vital to our health in bringing nutrients to cells, getting rid of waste, protecting joints and organs, and maintaining body temperature. Water restores, cleanses and hydrates us. Water, along with air, is essential for life. About 60% of a man's body is made up of water and in women around 55%. Water can freeze and become ice. Frost

creates pretty patterns over our cars in the cold winter air. Water can fall as snowflakes: Meteorologists estimate there are 1 trillion, trillion, trillion (1 + 36 zeros) different types of snowflakes! Isn't God amazing? He could have made them all the same, but He is a magnificent God Who loves to go beyond what is just enough and Who desires to lavish upon us the beauty and grandeur of His creation.

When we look up to the sky we are looking up to the heavens which God created. The Bible uses the plural 'heavens'. In fact, the Bible speaks about three heavens:



1. The first heaven is the atmospheric heaven and contains a blanket of air immediately surrounding our earth. This is where clouds and birds move.
2. The second heaven is the stellar heavens or outer space which God populated as we shall see on Day 4 with the sun, moon and stars.
3. The third heaven is Paradise, where God resides. We pray to 'Our Father Who art in Heaven' and Psalm 11:4 tells us that the Lord's throne is in heaven. This is heaven where we are going some day to be with God - if Jesus is our Saviour and Lord.

Marvellous things happened on day 2 of creation. The sky and heavens were formed. God set in place the foundation for life for us here on earth and for when we die. Before He created stars, moon and sun He made the backdrop for their heavenly places. I like to paint on canvas, I don't consider myself to be very good, but it is something I enjoy. Before starting my masterpiece (!) the canvas needs a background colour. I have an idea of the scene I want to paint but long before the details can be added the whole canvas needs a wash of colour. Perhaps this is what God was doing? Preparing the scene for the exuberance of colour which would burst forth from the stars, moon and sun, the clouds, birds, trees and flowers, and finally humans, added on later days of His masterpiece. He put in place key elements that would sustain life, so when He created Adam and Eve on day 6 - they had everything they could possibly need for a wonderful life. Isn't God awesome?



I'm reminded of a chorus:

*Ah, Lord God, Thou hast made the heavens and the earth
by Thy great power*

*Ah, Lord God, Thou hast made the heavens and the earth
by Thine outstretched arm*

Nothing is too difficult for Thee, Nothing is too difficult for Thee

Great and mighty God, Great in counsel and mighty in deed

Nothing, nothing, absolutely nothing, Nothing is too difficult for Thee!

If God created the air we breathe, the watering system we need to sustain life and holds the whole world in space, then surely we can bring to Him the most difficult situation we face today and see Him take care of us: because **nothing** is too difficult for Him! **Now that IS something worth thinking about!**

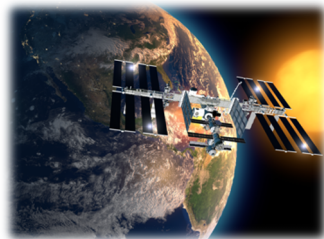
***The heavens declare the glory of God;
the skies proclaim the work of His hands.***

Psalm 19:1 NIV

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The Work of His Hands

For Christmas I received the book *The Work of His Hands - A view of God's Creation from Space* by Colonel Jeffrey N. Williams, Concordia Publishing House (2015). Apart from many stunning photographs of the earth taken by Colonel Williams, whilst working in the International Space Station (ISS), it provides a glimpse into the faith of a courageous man, who leaves his family on earth to work in space for several months. He has viewed the earth from a perspective that very few humans have, seeing our planet as God Himself sees it - in all its beauty and magnificence.



I have permission from the publishers to share some snippets - but if space travel, our planet and solar system interest you, then the book is available from bookshops. In the preface John Macarthur writes:

During his six-month stint at the International Space Station in 2006, Colonel Jeffrey N. Williams orbited the earth more than 2,800 times. He worked on hundreds of experiments while suspended in microgravity. He walked in space twice (spending more than twelve hours hanging by a tether in the atmospheric void outside the spacecraft). And while doing all that, he took more photographs of earth than any astronaut in history.

Every view from the window of the Space Station contains countless vivid lessons about the meticulous goodness of divine providence, God's care for His creation, and His wisdom in ordering the universe. Colonel Williams has had the rare privilege of studying earth from heaven's perspective. The experience impressed him with the greatness, glory, and grace of God Who *'made heaven and earth, the sea, and all that is in them, who keeps faith forever.'* Psalm 146:6

We experience one sunrise and one sunset per 24 hours. However, The ISS orbits the earth every 90 minutes or about 16 times per 24-hour period. Sixteen sunrises and sixteen sunsets can be seen during that time. With each orbit of the ISS, the Earth has rotated slightly more than 22 degrees, which means that a different portion of the Earth can be seen each time around. (Williams p 45).

Imagine viewing sixteen sunrises and sixteen sunsets from space!

Colonel Williams, who has a strong faith in God, had fresh revelation from Job 26:7 where it says, *God stretches out the north over the void and hangs the earth on nothing*. Colonel Williams says "When one views the Earth from orbit through the window of a spacecraft - it is normal to be struck by the (obvious) relativity that the Earth is a ball in the vastness of space. It is one thing to know that academically, quite another to view it. God really does suspend the Earth on nothing!" (Williams p 47)



He continues: A later verse in Job gives an accurate description of what we call the terminator - the line that divides day and night on the surface of the planet "*God has inscribed a circle on the face of the waters as that boundary between light and darkness*" (Job 26:10). Orbiting the earth every 90 minutes, the ISS passes over the terminator twice in that time. The terminator cannot be seen on the ground, but becomes very obvious from orbit. How could the author of Job possibly describe the planet in that way several thousand years ago apart from supernatural inspiration? (Williams p 48)

Colonel Williams provides amazing photographs of glaciers, clouds, the sun reflecting off the ocean, sunsets and sunrises viewed through the earth's atmosphere, valleys and mountains, various countries all with incredible colour - a wonderful reminder and beautiful insight into the awesomeness of our God and His creation.

Whilst on the Launchpad Colonel Williams prayed:

"You gave us the capacity for dreaming, for learning, for understanding, and the application of that understanding. May we use that capacity to fulfil the calling You gave us in this task. And Lord, while we are away, protect and comfort our families. Give them peace and the assurance of our safe return. And bring us to a safe and joyful reunion. Amen." (Williams p 31)

This is such an inspirational book. What an incredible man Colonel Williams is and what a unique experience he has had and how the Lord kept him and his co worker safe. We can only once more be in awe of our Creator God, Who not only created all things but Who *'sustains everything by the mighty power of His command.'* Hebrews 1:3

Margaret

*Excerpt from The Work of His Hands © 2010 Jeffrey N. Williams, published by Concordia Publishing House. All rights reserved. To order this publication, please contact Concordia Publishing House at 800-325-3040 or visit them online at cph.org

(Please note phone call will be to USA and therefore will incur additional charges)

Firmament

And GOD said, "*Let there be a firmament in the midst of the water,...*"

The word firmament is an old term meaning expanse. It refers to where the sun, moon and stars are (v.14) and where the birds fly (v.20).

Every day we see the sky above us but what is it made up of? The Hebrew word for firmament

indicates something spread out by hammering, like beaten metal. Job 37:18 speaks of the heavens being spread out hard as a molten mirror. In Old Testament times mirrors were made not of glass, but polished molten metal. This suggests that the sky is being depicted figuratively as a dome of molten metal.



Nowadays we know that the sky is the atmosphere and outer space seen from the earth. Although we can't see it, the atmosphere contains air which is all around us, a mixture of different gases. The air in the earth's atmosphere is



made up of approximately 78 % nitrogen and 21 % oxygen, plus small amounts of other gases, such as carbon dioxide, neon, and hydrogen. Nitrogen is transferred to plants, animals, and the environment through the nitrogen cycle.

This air in the atmosphere contains invisible water vapour.

When there is more water vapour in the air, it feels humid, when the air has less, it feels drier.

When there is too much water vapour for the air to hold, clouds form. When air rises, it cools, so when people are climbing a mountain, the air tends to get colder. Cold air can't hold as much water vapour as warm air, so as the air



cools, it becomes saturated so that the water vapour in it condenses, turning from a gas to a liquid, much like condensation on a cold window, forming tiny

water droplets only about a hundredth of a millimetre in diameter, which cling to little bits of dust. It is these suspended in the air that become visible to us as clouds. If the clouds float over a lake, they can pick up the additional water vapour, and if they are really high in the sky and the air is cold enough, the cloud is made of lots of tiny ice crystals instead and has a thin, wispy appearance.

The message of Genesis 1 is theological rather than scientific. The creation account concentrates on God's nature, the perfect world He created and His purpose in creating it. GOD is presented as a good craftsman. Repeatedly we read, *And GOD saw that it was good*. This speaks of the nature of GOD's creative activity but not the scientific details of exactly how He went about it.

These 'how' questions are the legitimate concerns of scientists, many of whom are faithful, Bible believing Christians. The finiteness of scientists means that their understanding of the universe is always incomplete.

However, our understanding of everything, including the Bible, is also limited. Science provides one approach to looking at the world, its mechanism. Christianity provides a complementary way, by looking at its meaning. In the Biblical creation accounts GOD reveals spiritual truths which are vital for us to know, and which give us and our lives meaning.



Spring Quiz



1. What are the four seasons?
2. What is the first month of Spring in the Northern Hemisphere?
3. When does Spring begin in the Southern Hemisphere?
4. Which Spring flower is also a symbol of the country of Wales?
5. What springtime allergen often triggers hay fever?
6. What vegetable can also be called a spring onion?
7. In Japan what type of tree flower is considered the sign of the start of Spring?
8. Which Disney movie sees the birth of a baby deer in Spring?
9. What does Spring put an end to for some sleepy animals?
10. Why do birds sing so much in the Spring?
11. What happens at the North Pole when spring comes? (a) 6 months of uninterrupted daylight (b) 6 months of uninterrupted darkness
12. True or False: More than 7 million tulips bloom in the Netherlands each spring.
13. Which season follows Spring?
14. What bird is often associated with Spring in North America?
15. English spring buns are traditionally called?
16. What Spring flower can you blow to make a wish?
17. A plant that comes back in the Spring without having to be replanted is called what?
18. On what day of the year is pulling pranks the done thing?
19. Fill in the blanks of this popular Spring saying: April _____ bring forth
May _____
20. Name a religious Spring holiday.

Sayings and proverbs related to the weather



- Red sky at night, sailor's delight. Red sky at morning, sailor take warning.
- If it rains before seven, it will clear before eleven.
- Rain from the south prevents the drought, but rain from the west is always best.
- When small clouds join and thicken, expect rain.
- Clouds floating low enough to cast shadows on the ground are usually followed by rain.
- A wind from the south has rain in her mouth.
- Fog at seven, sun by eleven, the rest of the day will be heaven.
- I have always heard that if it rains on Monday it will rain 3 days that week.
- If it thunders in Feb, it will frost in May
- Spiders come down from their webs before the rain.
- The more rain, the louder the noise made by frogs.
- If cattle lie down in a group in the fields, a severe storm is sure to come.
- If your knee joints are hurting, rain is coming.
- Bats flying late in the evening indicate fair weather.

Meteorology Quiz



1. Cyclone and Hurricane are names of severe storms; what other names can we give severe storms?
2. What does the word Meteorology mean?
3. Which primary gases are found in the atmosphere?
4. The energy produced by the sun travels to Earth. What do you call this energy transfer?
5. The amount of water vapour in the air is called...
6. Which of Earth's spheres is composed exclusively of water?
a. Atmosphere b. Lithosphere c. Biosphere d. Hydrosphere
7. What do we call the centre of a Tornado?
8. What do you understand is Global Warming?
9. Name the weather instrument used to measure atmospheric pressure.
10. The weather can affect your mood: True or False?



How well do you know your clouds?

Cirrus Cirrus clouds are the most common type of high clouds. They are thin and wispy, like party streamers, and they're made of ice crystals. However, they usually appear when the weather is good, or can signal that warmer weather is on its way. You'll see a lot of blue sky when these clouds are about.



Cirrocumulus These look like neat rows of tiny cotton balls or even the scales of a fish. This type of cloud is common during the winter, so if you see these it probably means it is or will be cold.



Cirrostratus Cirrostratus clouds are thin but very flat. This means they can sometimes cover a lot of the sky, but you should still see as a lot of sunshine through them. These clouds signal that it might rain or snow in the next few days.



Alto cumulus There's usually a lot of these gathered together, making patches of clouds that are spread across the sky. Sometimes they look like sea waves rolling across the sky. They have a slight grey-ish tinge to them and can mean that a thunderstorm is on its way



Stratus Stratus clouds are grey and flat, which means they tend to cover up a lot of the sky; they look a lot like fog. In fact, fog is quite similar to clouds; the difference is that fog forms from moisture that's in the ground, whereas clouds form from moisture that's already in the air. You might get some light rain with stratus clouds.



Cumulus These clouds are similar to stratocumulus clouds, but they're individual clouds, which are more spread out, rather than one big mass. And, since they're vertical ones they can also be taller. But, like stratocumulus clouds, they also have a very flat base and clear, puffy outlines at the top.



Weather Word Search

R R O A B Q K Y G K D U B M K J H K O X
P G O O X U C T O L U F F E L M K J E H
E F A T C A K E C U M U L U S E N S Z U
J T O R E V A P O R A T I O N C I Y C M
B Q E I L X U D N B L I Z Z A R D W N I
N Z Y X D Z G D D I S U N S E T J X L D
S A P B C A E F E V F S P L I I C P H I
T E T G H S O N N K J W R B M A Z D C T
R O J G V W E L S Y H C E A X H D W H Y
A S E T E C D V A X L L S R L K N W O G
T R A I N B O W T D Z O S O D M O C V U
O F O G G Y V Y I M T U U M H I V J Q R
S S H Q G X E F O T D D R E V A E Z K I
P H U R R I C A N E L S E T B I R S Z N
H Z C L J X A Z X Z C T E E X H C E F L
E L L R Y G A U G E E Z I R K V A Z T A
R C K I T W S T R A T U S M X I S Q F E
E P R E C I P I T A T I O N U S T O R M
M L O R I F E N P Y T L F N L F Q F J J
I L T R W I N D L T H U N D E R Z S D W

Precipitation
Clouds
Pressure
Condensation
Overcast

Cumulus
Rainbow
Stratosphere
Evaporation
Stratus

Storm
Barometer
Thunder
Humidity
Hurricane

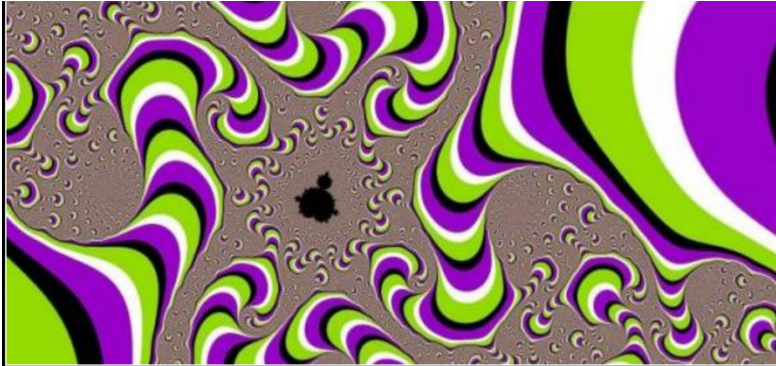
Sunset
Blizzard
Foggy
Gauge
Wind

FIND THE HIDDEN OBJECTS

Can you find all 10?

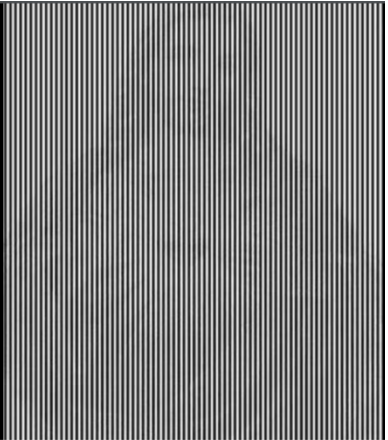


Here are some fun optical illusions.....

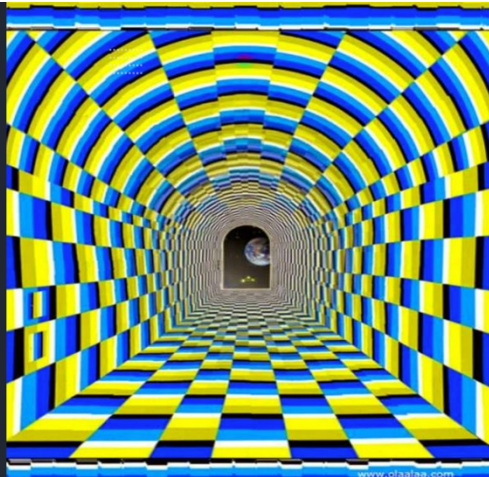


I promise you, this image is not really moving!

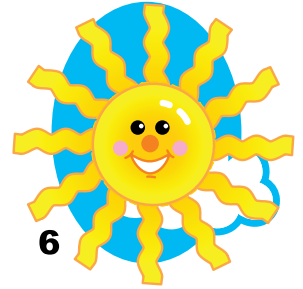
**Try to step
back or
shake your
head from
side to
side....what
do you see?
I'd say this
illusion is
DIVINE!**



**This is a static 2D
image. It creates
an illusion of a
tunnel in
motion. The
motion is
illusory effect
due to the color
combinations.**



Find Two
identical pictures





Find 10 differences between the pictures below



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

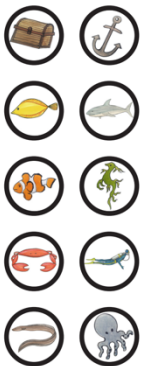


Answers to Meteorology Quiz

1. Typhoons and Twisters
2. The study of Earth's atmosphere and weather
3. Nitrogen and oxygen
4. Radiation
5. Humidity
6. d. Hydrosphere
7. Eye
8. It refers to the rise of the Earth's temperature causing dramatic climate changes
9. Barometer
10. True

FIND THE HIDDEN OBJECTS

Can you find all 10?



Identical Suns – 4 & 10



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