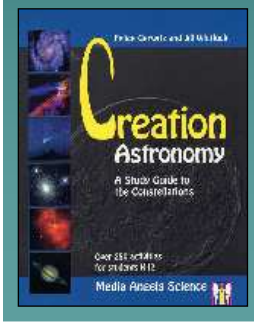
The Heavens Declare the Glory of God



The Solar System
By Felice Gerwitz

http://MediaAngels.com

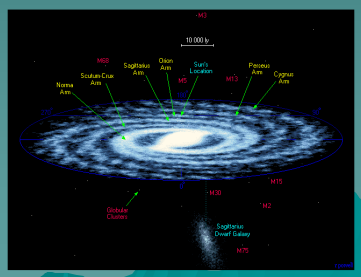
What is a Solar System?

A solar system is sun that is orbited by planets

How Big is the Solar System?

It is approximately 40 astronomical units
1-AU = 93 million miles

God created the Solar System!



Who Created the Solar System?

Genesis:1-9

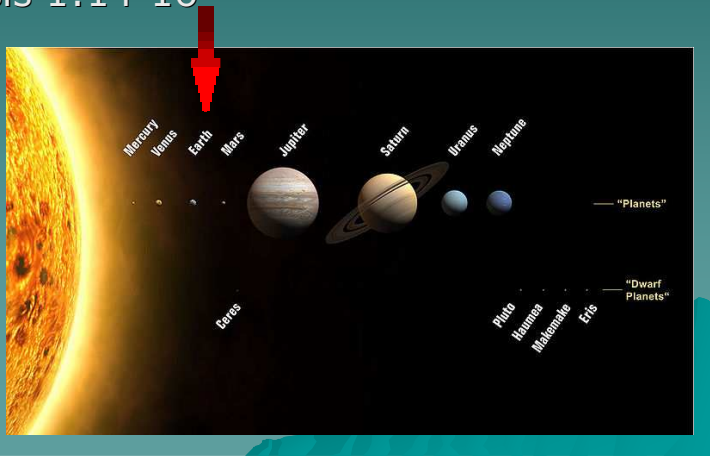
- And God said, "Let the water under the sky be gathered to one place, and let dry ground appear." And it was so. God called the ground "land," and the gathered waters he called "seas." And God saw that it was good.

Importance of Genesis

- God Created the Solar System
  - Genesis 1:14-16

…Our God placed our planet, Earth in just the perfect spot.

Not too far and not too close.



Beginning of the Solar System?

Scientists guess…

A guess is called a hypothesis

Nebular Hypothesis

Gravity pulled the planets into orbit around the sun

Problems:

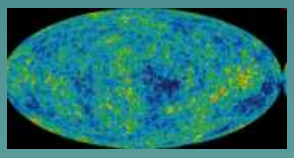
Too hot

Too magnetic

Rotate too quickly

After The Big Bang?

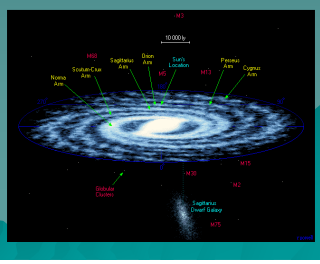
Something from nothing?



Sun spins slowly and the planets move rapidly around the sun

Nebular Hypothesis Debunked?

- Pluto and Neptune rotate from East to West
- All other planets rotate from West to East
- Cloud of gas in space will expand not contract
- Sun spins once every 25 earth days
  - "The heavens declare the glory of God; and the firmament showeth His handiwork" (Psalm 19:1).

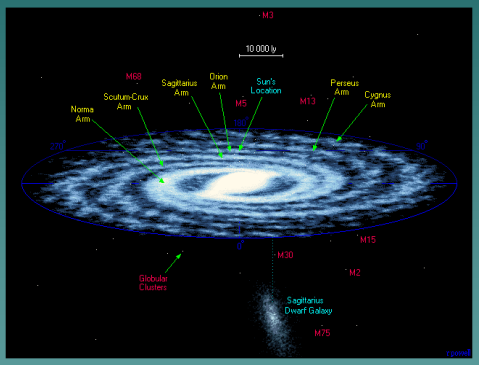


Milky Way Galaxy

- Galaxy Where our Solar System is located

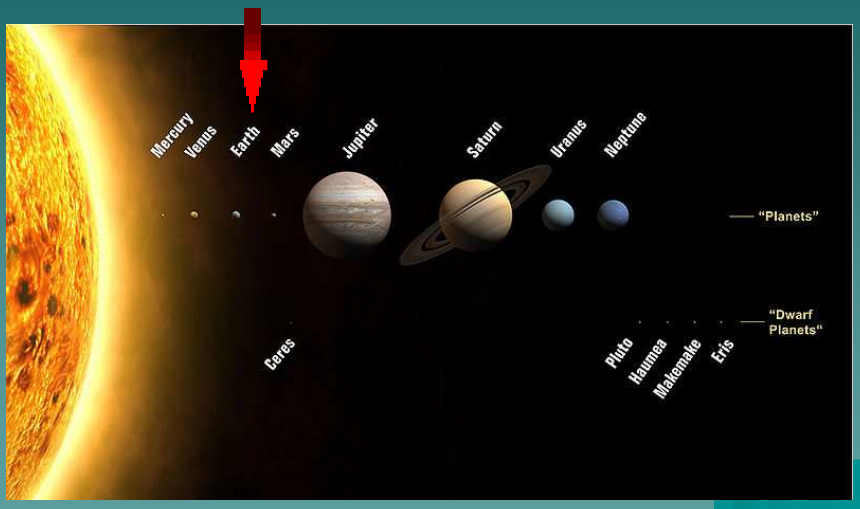
How Big is the Solar System?

- No one really knows
- Man can't travel that far



Spin of the Milky Way Spiral Galaxy

Our Solar System



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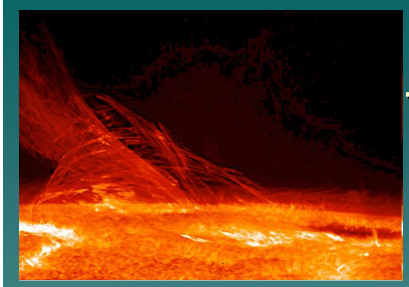
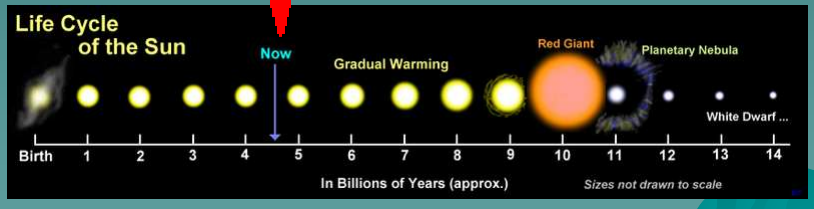
The Sun



Solar Flare

Solar eclipse



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What is a planet?

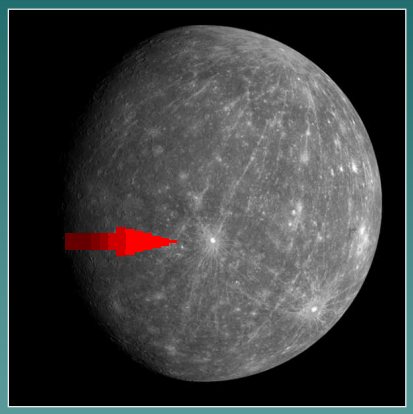
- A planet is a celestial body
  - orbits around the Sun
  - has sufficient mass for to remain nearly round in shape
  - has a cleared orbit—nothing in its way

Planet: Mercury

The closest planet to the sun

Craters dot the planet's surface

It is 800 degrees in the day and -280 degrees at night



Planet: Venus

- Small Rocky Planet
- Blanket of clouds
- 400° Celsius
  - Venus reflects so much sunlight brightest planet in the night sky

Our Home Planet Earth

Earth was specially created by God

3rd planet from the Sun

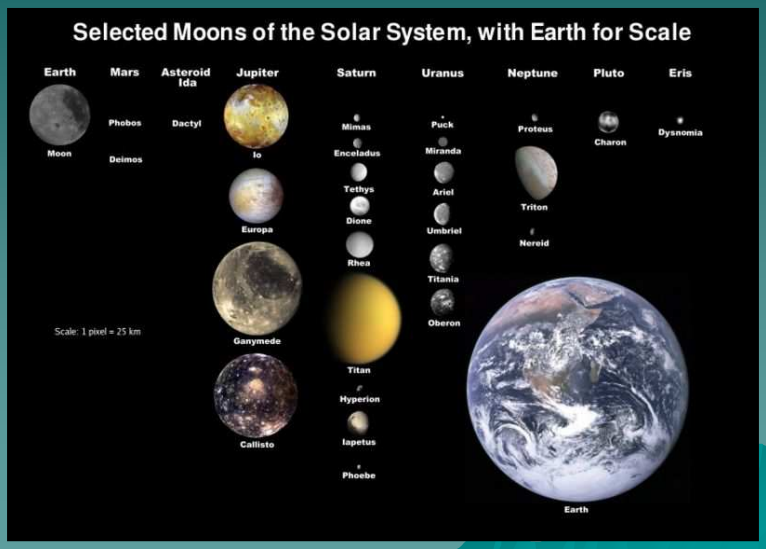
"Earth-rise" over the moon's surface

The Moon

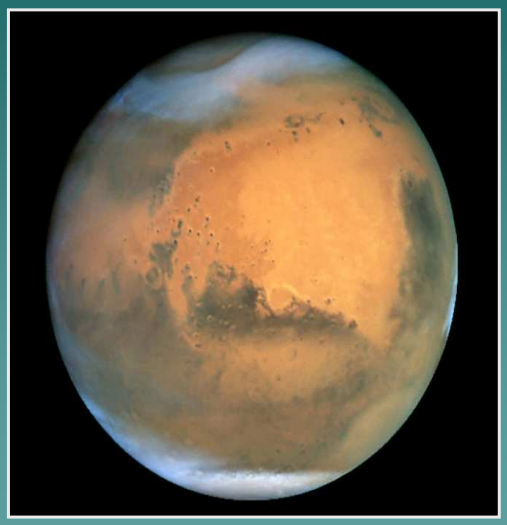
- Craters can't be explained
- Second brightest object in the sky
- Man has waked on the surface of the moon

Lunar Eclipse

Moons compared to Earth



Planet: Mars



- Great dust storms engulf the entire planet
- Mars Pathfinder landed on Mars 1997
- Known as the red planet

Asteroids

- 2 asteroids alongside the Earth's moon
- Asteroids pieces of rocky fragments
- Pulled into orbit by gravity

Meteoroid

- Bits of material moving through space
- Some come into Earth's atmosphere
- Bright tails due to friction of air
- Origins? Our solar system

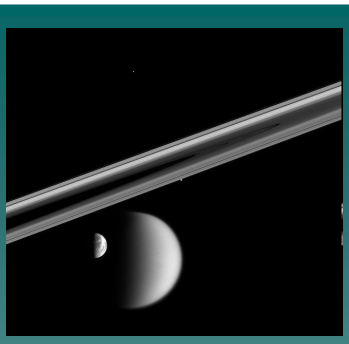
Planet: Jupiter

- Largest planet in the solar system
- 4-moons the size of planets
- Wind speeds of more than 400 mph!
- Giant gas planet
- Heat coming from inside the planet should be much less if evolution is true

Planet: Saturn

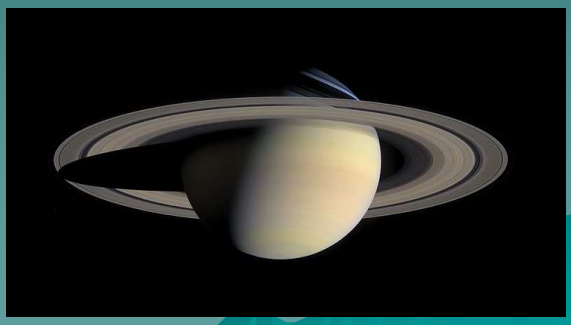
The moons of Saturn

2-Moons trade orbits!



Visible in the night sky

Rings are too young for evolution

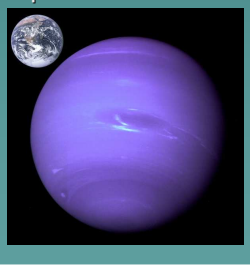


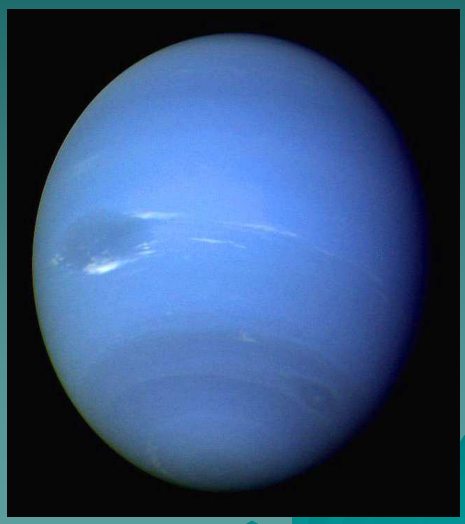
Planet: Uranus

- Giant gas planet
- Spins sideways
- Colored Bands

Planet: Neptune

- Giant gas planet blue methane
- Math discovered the planet
- Fastest winds of all planets
- Evolution can't explain why it still has so much energy to drive high winds
- Rings have thick and thin regions…unexplained





Planet: Pluto? Dwarf Planet?

- Was a planet
- Downgraded to a "dwarf" planet
- Orbit inside of Neptune for 248 years

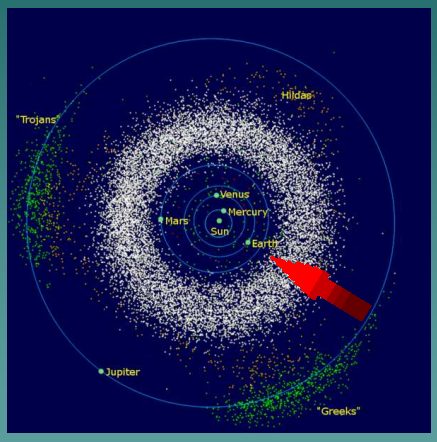
Comets

- There should be no comets left
- Comets vaporize when they near the sun

Meteor

Meteor Crater in Arizona.

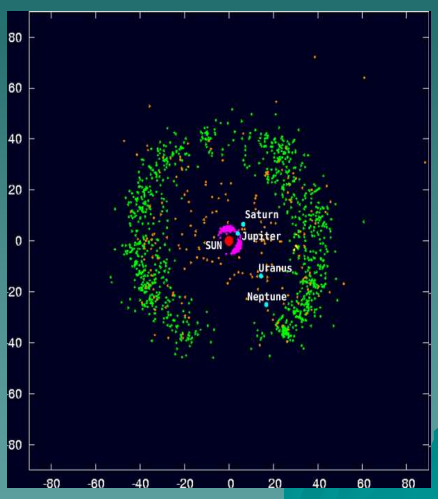
Asteroid Belt



- Region between the inner planets
- Thousands of asteroids
- Over 7,000

Kuiper Belt

- Like an asteroid belt
- Outer reaches of the solar system
- Contains: dwarf planets, rocks, metals, frozen
- Stable



And God Created…

Psalm 102:25-27

In the beginning you laid the foundations of the earth, and the heavens are the work of your hands.

Fun Facts

- Spiral Galaxies rotate too fast for an old universe
- Magnetic field of planets and moon are too strong for billions of years
- Jupiter and Neptune are too hot
- Most of the mass of the Solar System is the Sun
- Surface of Venus is 92 times Earth's pressure
- Earth intersects the debris field of meteors once a year, which is why most showers are annual

Kids Yahoo Group

- Post Questions to the Group
- Visit to chat
- Meet like-minded friends

- Email me for an invitation
  - It is a closed group
    - felice@mediaangels.com

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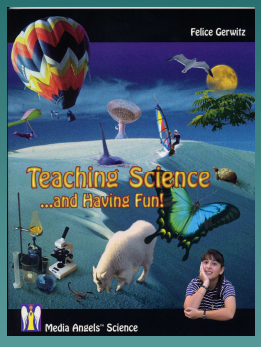

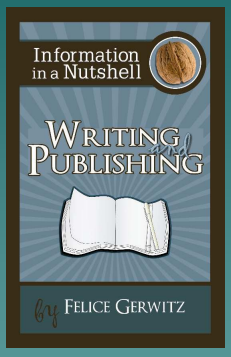

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MEDIA ANGELS® INC.

ONLINE NEWSLETTER

Volume II, Issue 1 — January-February 2007

"Start Fresh"

By Felice Gerwitz

Happy New Year! I pray the Lord blesses you and your families with the graces needed to continue His plan for your lives. My guest this year is to pray and attempt (of course with His grace) to seen His will for my life... I pray this for your families as well.

Let us rejoice and be glad in it and give honor to Him: for the marriage of the Lamb is come, and his wife hath made herself ready. Revelation 19:7

The holidays are over—the meals have been prepared and eaten—decorations are away and now its time to buckle down and continue the school year! I have—what's a homeschool mom to do? It's hard to switch gears and harder for children to just fall naturally into a routine they have not experienced in a while. Well, I always begin on my knees. While academics (and of course **Creation science**) are very important, fulfilling our roles as caregivers and educators can be daunting—especially after the holidays. Recently I was asked to give a talk entitled "Keeping the Home Fires Burning, Juggling Home Life and School." This was unusual as I'm normally asked to speak on science topics. My daughter, who creates this newsletter, did not know about this and yet she assigned me the topic "Start Fresh"... yes, this is a God-Incidence. So, here we go, 10 ways to encourage and inspire you (and me!) to keep on the path:

1. Remember you are not in control, God is! So, you are in good hands. Prayer should be the central part of your school year.

2. Be organized. This means you take time off to get organized. I've tried getting organized while still schooling and this can be done but it's very difficult. Consider taking a week to allow the children to focus on art, journals (illustrated or not), creative writing or music. While they are about their tasks (if they are able) you can work on what you wish to accomplish for the year. If you have younger children, consider setting up centers* (see below).

3. Be prepared. Doing a lesson and not having the necessary supplies just doesn't work. Recently, I found our poster paints had dried up and I had to substitute water colors in their place. Having a back up plan works. I also make file folders for each child and keep reproducible papers in each. I pull these out when I'm in need. A list of "drills" that the children must do each day are bird charts, states and capitals, countries, continents, US Presidents, multiplication or addition facts, etc. Change these to fit your needs. Every week we have a "drill day contest". (see below).

4. Have goals for each child academically as well as spiritually. I jot down the goals on an index cards. The older the child the more involved they can become in setting goals. List ways you want your children to grow spiritually. For example more time reading the Bible, Scripture memorization or character quality improvements, such as patience or willingness to serve others.

5. Discipline. Maybe this should be number one. Without discipline your

* **Centers**: a designated area with activities children can visit to complete a task... such as a puzzle, art corner, water table with cups, clay, etc. Change it each day to make it fun, preferably when they go to bed so they can wake up to a surprise each day.

* **Drill Day:** Children see if they can beat their last best score. I made up check off sheets for each chart or activity I wanted to check. Do this every week.

Blog Posts

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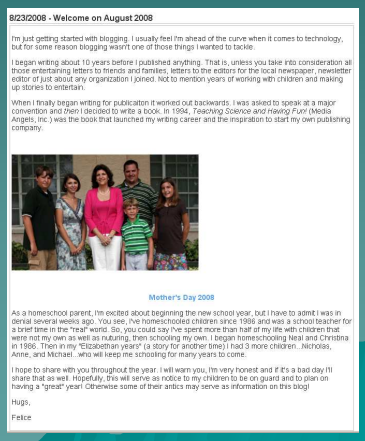

8/23/2008 - Welcome on August 2008

I'm just getting started with blogging. I usually feel I'm ahead of the curve when it comes to technology, but for some reason blogging wasn't one of those things I wanted to tackle.

I began writing about 10 years before I published anything. That is, unless you take into consideration all those entertaining letters to friends and families, letters to the editors for the local newspaper, newsletter editor of just about any organization I joined. Not to mention years of working with children and making up stories to entertain.

When I finally began writing for publication it worked out backwards. I was asked to speak at a major convention and *then* I decided to write a book. In 1994, *Teaching Science and Having Fun!* (Media Angels, Inc.) was the book that launched my writing career and the inspiration to start my own publishing company.

Mother's Day 2008

As a homeschool parent, I'm excited about beginning the new school year, but I have to admit I was in denial several weeks ago. You see, I've homeschooled children since 1986 and was a school teacher for a brief time in the "real" world. So, you could say I've spent more than half of my life with children that were not my own as well as nuturing, then schooling my own. I began homeschooling Neal and Christina in 1986. Then in my "Elizabethan years" (a story for another time) I had 3 more children...Nicholas, Anne, and Michael...who will keep me schooling for many years to come.

I hope to share with you throughout the year. I will warn you, I'm very honest and if it's a bad day I'll share that as well. Hopefully, this will serve as notice to my children to be on guard and to plan on having a "great" year! Otherwise some of their antics may serve as information on this blog!

Hugs,

Felice

ScholarSquare.com

Listen to a class online whenever you want!

Or…teach your own class and post it!