Beacon Media

Supporting worldwide education

God and Mathematics

God is Creator

- God is the Creator of everything, and he uses maths in the things that he makes. Not just that, he knows how many stars there are.

Psalm 147:4 He counts

the numbers of the stars;

He gives names to all of

them.

He has counted the number of hairs on your head too! (Luke 12:7).

God is good, powerful, precise, infinite and orderly.

Maths helps us to teach us these things.

Take these numbers:
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14….
If you keep on counting where do they finish? Where do they end? Do they end? Ever?

God is infinite

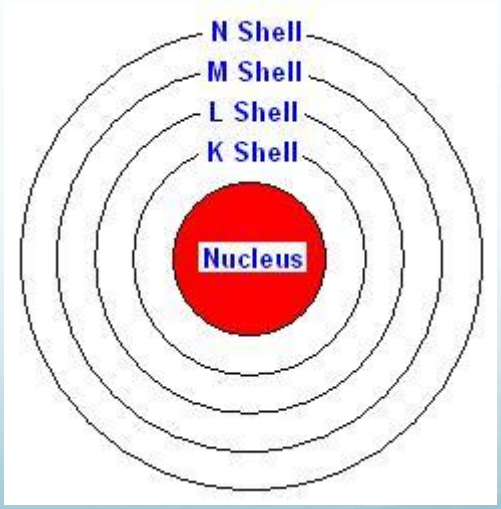
- What about this series?
- 1/2, 1/3, 1/4, 1/5, 1/6, 1/7, 1/8, 1/9, 1/10, 1/11, 1/12, 1/13, 1/14, ...
- Does this series of fractions have an end place?
- We become lost when we begin to think about very, very large or very, very small numbers. Mathematics gives us a view of infinity that other ways of learning are not able to clearly do.

Atoms

- Everything is the universe is made of tiny particles called atoms. Atoms have a centre, like our sun, around which move electrons, like our planets. An atom is so tiny. Each atom likes to have a full number of electrons whizzing around it.
- Electrons do not move freely in the space around the nucleus, but are confined to areas of space called shells.

Electron shells

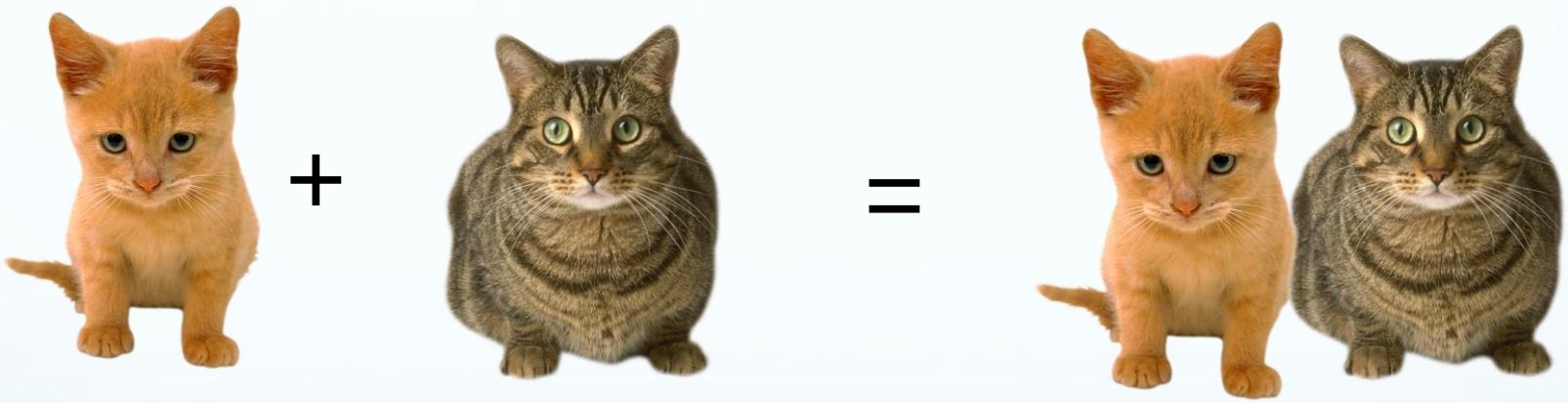
- The first can hold has 2 electrons
- The second can hold 8 electrons
- The third shell can hold 18 electrons
- The fourth shell can hold 32 electrons



God is Truth

"What is truth?" Pilate asked Jesus (John 18:32).

- 1 + 1 = 2
- If you take one thing, like a cat, and add another to it, anywhere in our world, you will always end up having two cats.



God is Faithful

- The world that God has made is organised. It has order in it
- it makes sense and GOD holds it all together.

Col 1:17 – he is before all things, and in Him all things hold together.

God has established fixed patterns

- 1 + 1 does not equal 3.
- God made all mathematics, and He made you in His image. So you can know and understand about the patterns and laws of God's world
- Jeremiah 33:25 tells us that God made fixed patterns
- Maths can help us in discovering the truth.

3 can be 1

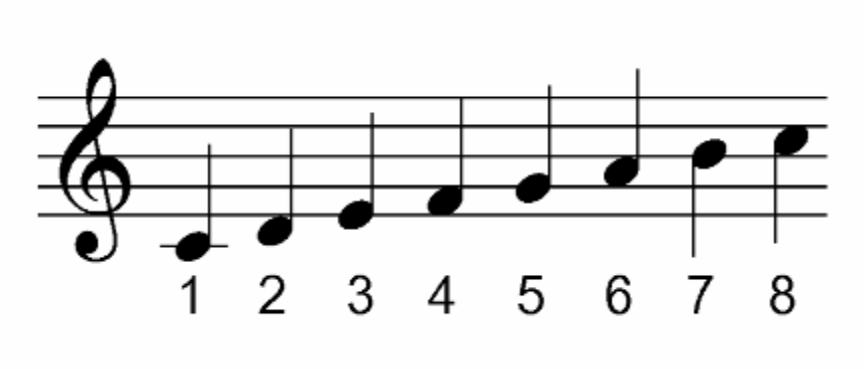
- 1x1x1 = 1
- This tells us something of the Trinity, three entities in relationship giving a product of one.

Art

- God has used precise measurements in His creation.
- Artists can use these measurements.
- The “golden ratio” is used by God in design of some flowers and animals. Artists use it to make their work beautiful.

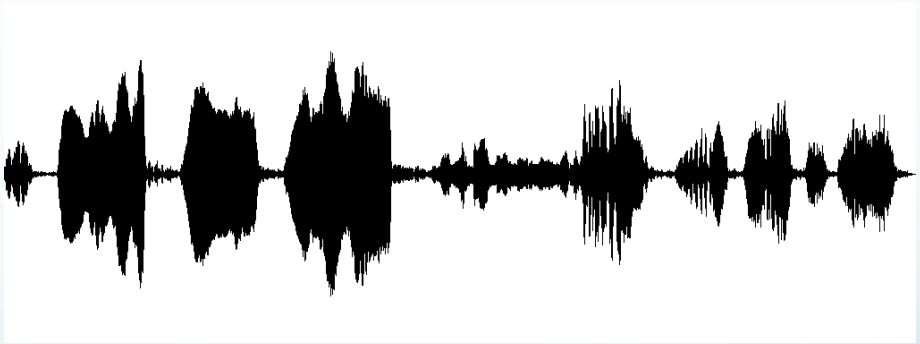
Music

- Music is mathematics we can hear! Each note of the musical scale has an exact frequency. This frequency doubles every eight notes.



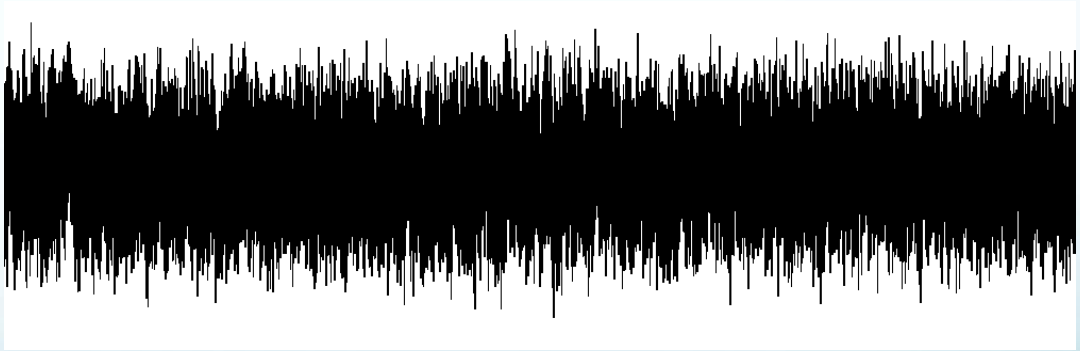
Music

When we graph musical sounds, like a singing bird, we can see a mathematical regularity.



Sounds

- Noise, such as the sound of rain, lacks this order and does not have a regular graph.



God is beautiful

- So much of what God has made is beautiful: mountains, flowers, rivers, deserts, stars... Mathematics helps us to understand some of this beauty. The Golden Ratio of painting, sculpture and architecture is a copy of one of God's designs. There is a series of numbers named after one person who first recorded it, the Fibonacci Sequence. It is like this:

- 1, 1, 2, 3, 5, 8, 13, 34, 55, 89.....

God is beautiful

- God has used this in the arrangement of petals of flowers, in the stem arrangement of branches and leaves, in the organisation of seeds in sunflowers, in the whorls on pineapples and pine cones.

God is marvelous

- Think of all the places where our Designer has used spirals in His creation…You can see them on your own fingerprints, in sea shells and the shells of snails, in spider webs and in outer space galaxies.

An eclipse

- The Father has used the eclipse also. We can see this in the pathway that planets move in and the path of comets.

- Think of all the fantastic shapes of a snowflake.

All around us

- the parallel lines of river banks
- the cylinder shapes of the trunks of trees
- the plane surfaces of rock faces
- lakes
- leaf shapes
- and shadows.

- The crystals of rocks show the wonders of solid geometry and the mathematical form of the diamond or pearl causes us to wonder.

Beehives

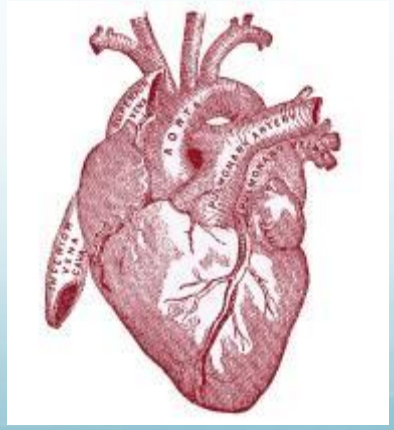
- The bees and wasps make secure designs in hexagon shapes.
- There is symmetry in plants and animals. “Where can I go from God’s mathematics?” It seems to surround us.

Time

- Our universe is are locked into the mathematical sequence of time. Who made time, who divides time and who will end?
- Psalm 104:19 – You created the moon to mark the months; the sun knows the time to set.

Count your heart beats for one minute, then count the number of breaths you take in one minute. God knows how many you will take in your life time.

Psalm 139:16 – You saw me in my mothers womb, and in your book were written all the days that were ordained for me.



God is precise and dependable

- When we use numbers God wants us to be precise and dependable. God wants us to measure and count accurately (Leviticus 19:35), and He hates it when people use maths to cheat other people (Proverbs 20:23). We are to be honest in our money business like all other things (Luke 16:10-11) and pay people who work for us the correct amount.

God is a Servant
He gave us mathematics to help us

- We have used mathematics to build and organise computers, phones, televisions, cars and planes, clothes and food. In any one day you are often counting, measuring, timing, computing and solving problems by using your mathematics.

God is Love

- Mathematics fits in with everything we do, and everything fits in with the world God has made with His plans.
- Psalm 139:17-18 - How precious to me are your thoughts, O God! How vast is the sum of them! If I were to count them they would outnumber the grains of sand.

God gave us mathematics

- Can you count all the things that GOD has done for you today? When you have made up this list, which would be infinite, you can add to it – God gave me Mathematics!