# A doctor, an engineer, and a politician

A doctor, an engineer, and a politician were arguing as to which profession was older. "Well," argued the doctor, "without a physician mankind could not have survived, so I am sure that mine is the oldest profession." "No," said the engineer, "before life began there was complete

chaos, and it took an engineer to create some semblance of order from this chaos. So engineering is older." "But," chirped the triumphant politician, "who created the chaos?"



Gen. 1:3
3 Then God said, "Let there be light"; and there was light. 4 And God saw the light, that it was good; and God divided the light from the darkness. 5 God called the light Day, and the darkness He called Night. So the evening and the morning were the first day.

Note: Hebrew verb *bara – to create from nothing* 

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Hebrew verb *hayah* – to form or fashion from existing matter

Light is the most basic form of energy. As the Spirit of God brooded over the waters, He energized the whole of creation. Light was spoken into existence at this time. God dwells in light and is the ultimate source of light. This is important because at this point in time there are no "natural" sources of light. The Sun and Moon have yet to be created. God states that He formed light and created darkness in Isaiah 45:7.

Dr. Henry Morris states the case this way: The existence of visible light prior to the establishment of the sun, moon and stars (Genesis 1:16) emphasizes the fact that light (energy) is more fundamental than light givers. God could just as easily (perhaps more easily) have created waves of light energy as He could have constructed material bodies in which processes function which generate light energy. The first is direct (since God is light), the second is indirect. (5)

The Creation Week Proceeds Genesis 1:6-31

On the first day of creation, God spoke space, time and matter into existence. He then introduced light, the most basic form of energy into the equation. He then defined what is now known as a literal solar day as a basis for our understanding of this most basic element of time.

When we read the phrase, "Evening and morning," we can infer that there is now a rotation of the sphere we call earth. This also tells us that gravity now existed, as it is gravity that gives a planet its round shape. In fact, this is one way astronomers can tell if an object is in fact a planet or a moon versus an asteroid. Asteroids don't have any gravity and are therefore not round.

The phrase, "evening and morning," is also consistent with the way the Israelites reckoned their day. It started in the evening as opposed to beginning at midnight for us.

An added note; God Himself distinguishes days from years in Genesis 1:14.

Having all of the building blocks in place God then proceeds to further His creation on the second day.

#### THE SECOND DAY

Genesis 1:6-8 (KJV) <sup>6</sup>And God said, Let there be a firmament in the midst of the waters, and let it divide the waters from the waters. <sup>7</sup>And the firmament from the waters which were above the firmament: and it was so. <sup>8</sup>And God called the

firmament Heaven. And the evening and the morning were the second day.

The two key words here are *firmament* and *waters*. The Hebrew word for firmament is *raqiya* which means "*expanse*". It also carries the meaning of being '*hammered thin*.' Verse six states that God placed an expanse between the waters. We must then ask what this expanse is. The word firmament is used seventeen times in scripture, all seventeen in the Old Testament. Over half of those references are in Genesis one. In verses fourteen and fifteen it refers to the expanse in which the stars and planets are

placed. In verse twenty however it is used with the word "open" meaning "face". In this verse it refers to the place in which the fowls of the air fly. We call this the sky. This is the expanse referred to in verse six.

#### II Cor. 12:2

I know a man in Christ who fourteen years ago—whether in the body I do not know, or whether out of the body I do not know, God knows—such a one was caught up to the third heaven.

The word water simply means water. We don't know exactly what form the water was took, however. It is theorized that it was in a gaseous state better known as water vapor.



Therefore what we have is a vertical separation of the waters created on the first day. This would provide us with our atmosphere. The waters on the earth that will be

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Utilized to create seas on the third day were separated from this vapor canopy by the open firmament or sky.

It is believed that this would create a climate that is much milder than we see today. Theoretically the entire planet would be more tropical. The poles wouldn't have been frozen and weather conditions wouldn't be conducive to vast temperature differentials causing hurricanes or tornadoes. There would be no need for animals to hibernate or to migrate, at least for weather related reasons.

In fact there is evidence of this very thing. Tropical plants as well as animals that prefer more tropical climates have been found under the polar ice caps.

It is also thought that the oxygen content of the atmosphere would be higher than it is now. And the earth would have been better shielded from ultra-violet rays. This would account for the long life spans listed in the chronologies of Genesis. IT would also account for animals as well as people being larger in stature than they are currently found. Though we aren't given all the details of the canopy we can make sound inferences from what we are given.

And the evening and the morning were the second day.

#### THE THIRD DAY

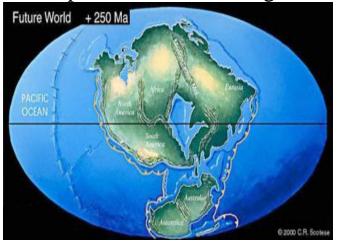
On the third day we see the planet really starting to take shape.

Genesis 1:9-13 (KJV) <sup>9</sup>And God said, Let the waters under the heaven be gathered together unto one place, and let the dry land appear: and it was so. <sup>10</sup>And God called the dry land Earth; and the gathering together of the waters called he Seas: and God saw that it was good. <sup>11</sup>And God said, Let the earth bring forth grass, the herb yielding seed, and the fruit tree yielding fruit after his kind, whose seed is in itself, upon the earth: and it was

so. <sup>12</sup>And the earth brought forth grass, and herb yielding seed after his kind, and the tree yielding fruit, whose seed was in itself, after his kind: and God saw that it was good. <sup>13</sup>And the evening and the morning were the third day.

On the third day, the waters left on the earth from the second day pooled into seas exposing the land beneath. The term "seas" is important as it differs from the term ocean. It is believed that the waters that were on the surface of the earth on day two began to settle into subterranean chambers that are referred to later as the "fountains of the deep". These chambers will be the greatest source of the flood of Noah's day. Though a sea is a large body of water, it is not as deep as an ocean. It is thought that the oceans came to reach their current depths as a result of Noah's flood. This would also preclude mountain ranges as we see them now. In the pre-flood world, seas and rolling hills were the norm. This geography, along with the moderate climate would have allowed for the rapid migration of animals as well as humans. It is at this point that the continent of '*Pangea*' is thought by some to have been in existence.

The super-continent of Pangea



The next act of creation was that of the plant kingdom. Grass, herbs and fruit trees are listed specifically, but are representative of the entire plant kingdom. There are two important things to mention here. The first is that every thing is created *after its kind*. This precludes the

transmutation of one kind into another, or we could say that vertical evolution is ruled out here due to the genetic code of each "kind" of plant. The term "kind" as used in the Bible refers to a broad category of plants or animals that are genetically similar enough so as to be able to reproduce with each other. This allows for a horizontal variation within a species, but doesn't allow for vertical variation. For instance there are many varieties of grasses, but they will never evolve into apple trees. This mechanism is nothing more than the natural version of selective breeding. It is not evolution. The change is always on the horizontal not the vertical plain. This precludes evolution as taught by Darwinism.

We also observe that the plant kingdom is in a mature state from the beginning. In verse twelve the herb is already bearing seed and the fruit tree is already bearing fruit. This is known as the *creation of apparent age*. We see this principle in effect throughout the creation account. The plants,

animals, as well as Adam and Eve, are already of sufficient age at the time of their creation to reproduce. This principle would also account for light being visible even though the source(s) is light-years away.

In the conclusion of verse twelve we see the first use of the phrase," and God saw that it was good." It is interesting to note that the first usage of the phrase coincides with the first life on the planet.

And the evening and the morning were the third day.

#### THE FOURTH DAY

On the fourth day God works outside of the boundaries of earth.

Genesis 1:14-19 (KJV) <sup>14</sup>And God said, Let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and years: <sup>15</sup>And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. <sup>16</sup>And God made two

great lights; the greater light to rule the day, and the lesser light to rule the night: *he made* the stars also. <sup>17</sup>And God set them in the firmament of the heaven to give light upon the earth, <sup>18</sup>And to rule over the day and over the night, and to divide the light from the darkness: and God saw that *it was* good. <sup>19</sup>And the evening and the morning were the fourth day.

God's creative work on the fourth day gives us the fundamental purpose for the planets and stars. They are for signs, season, days and years. As far as can be traced back, mankind has tracked the movement of the heavenly bodies. This wasn't done as a mere hobby it was to keep track of time. Ancient high culture from Stonehenge in Europe, to the Persians, Egyptians, and the Maya had observatories where what we call the zodiac was meticulously tracked for the purpose of reckoning time. On the first day God created

light. The Hebrew word is **or**. Now He says, "let there be lights." (**ma-or**). The difference in the two terms is important. The former means **luminescence** whereas the latter means **luminary**. Once again, on the first day, light it self was created whereas the light –giving/reflecting bodies were created on the fourth day.



Verse 17 states that they have another purpose, which is to provide light for the earth. For this specific purpose He created the Sun (the greater light) and the Moon, referred to as the lesser light. It is very important to note that

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if either of these luminary bodies were any closer or any further away, life on earth could not exist. Random chance doesn't account for this fact. Creating the luminaries half way through the creation week would also preclude the Day- Age Theory as was stated in Chapter one. Once again God saw that it was good.

The word translated, "good" in Hebrew means good or well. Throughout the creation week we see that all is well.

And the evening and the morning were the fourth day.

We were created to glorify God. This is why we study the Bible in this way. By looking deeper into the scriptures we see even more of God's greatness and thereby have even more reasons to glorify Him and sing His

praises – not to mention we have more answers to give an answer for our faith.