



# patterns.com e-news

## PATTERNS IN NATURE, BINARY UNIVERSE, and the VERNAL EQUINOX

Equinox March 20, 11:44 (presumably am.) An equinox happens each year at two specific moments in time (not a whole day) when the center of the sun can be observed to be vertically above the Earth's equator, occurring around March 20 or 21 and September 22 or 23 each year (THIS IS ALL ACCORDING TO WIKIPEDIA). High in the Arctic Circle, Longyearbyen, Svalbard, Norway has an additional 15 minutes more daylight every day around the time of the Spring equinox. Whereas, in Singapore, which lies virtually on the equator, the amount of daylight each day varies by just seconds. Wikipedia is a blast, as it tells me things I like to read but would never be able to find otherwise. This is pretty much a copy and paste from wikipedia (on the equinoxes ) which goes into great detail telling why the vernal and autumnal equinoxes are actually **not** showing us equal day and equal night, factoring in things like the size of the sun, and the arc of the top of the sun, and the atmospheric condition, and the twilight and the beginning of dawn when the actual sun is not really seen on the horizon yet, and goes on even more to say that this relates to the difference in the equinox time because of axis tilt of the earth. This is way way more than I needed to know. But its fun information. A marvelous day-in-age we live in. Where the amount of information is literally beyond our reach, yet right under our fingertips. Totally awesome.

Modern astronomy aside, people have recognized the patterns of the equinoxes for thousands of years. There is no shortage of rituals and traditions surrounding the coming of spring. Many early peoples celebrated for the basic reason that their food supplies would soon be restored (food is a biggie!! so is warmth!! as I work here at the computer with two tee shirts, two long sleeve shirts and a sweatshirt on).

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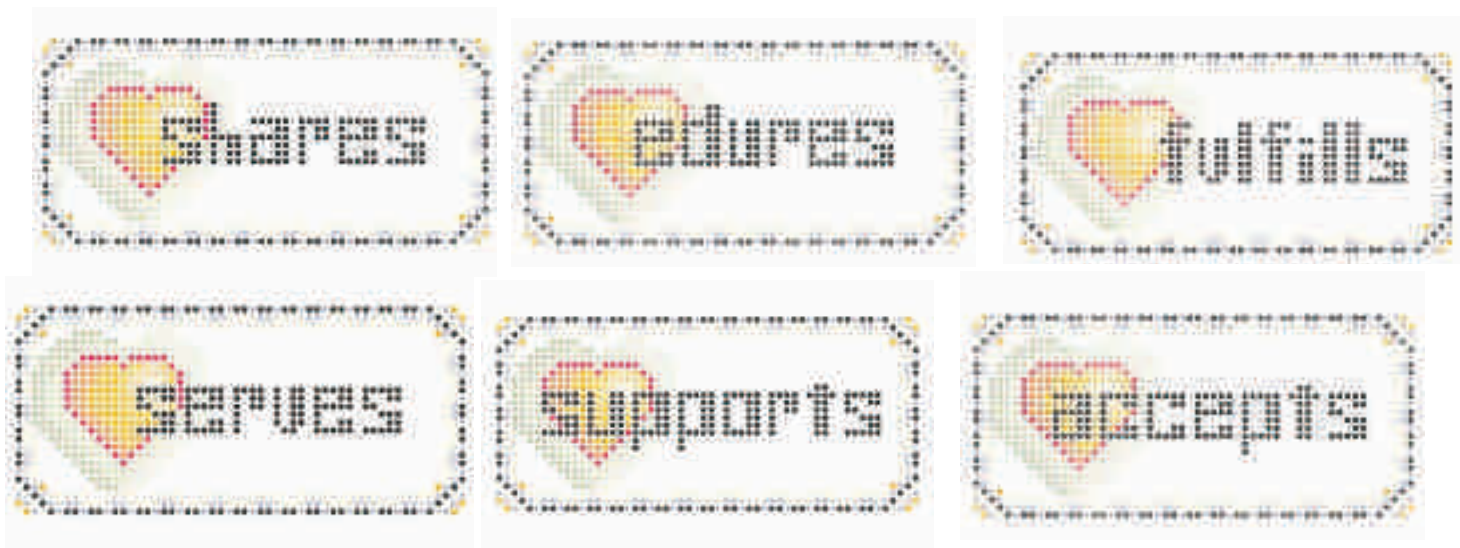
### Why write newsletters?

I listened to NPR yesterday and laughed to myself. It said that a study showed bloggers are "happier" than non-bloggers, and it was explained thus: "it seems that the bloggers felt themselves to be more connected with their friends, with society, and the planet than non-bloggers. Hmm sounds right to me. SO..... perhaps this is why I write newsletters. Write me back some emails!! It will work the same way :)

The date is significant in Christianity because Easter always falls on the first Sunday after the first full moon after the vernal equinox. Passover originally was related to the vernal equinox also, but by actual "lunar" observations. It is also probably no coincidence that early Egyptians built the Great Sphinx so that it points directly toward the rising Sun on the day of the vernal equinox. The first day of spring also marks the beginning of Nowruz, the Persian New Year. The celebration lasts 13 days and is rooted in the 3,000-year-old tradition of Zoroastrianism. (This tidbit is from INFOPLEASE.com). **Patterns "R" US**, natural, physical, and manmade, in every aspect of life.

## new patterns

Here for you counted cross stitchers are a few of February's offerings on <http://gospelglass.com>. Plenty of patterns were added to <http://PDQpatterns.com> so search by "name" or by "date entered".



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[PDQpatterns.com](http://PDQpatterns.com)

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# pattern for January

