

SACRED GEOMETRY FIREPLACE

Sacred geometry is the study of the earth's measures via construction using only a compass and a straight edge. In those measures and patterns are beauty, meaning, and truth .

Sacred geometry is the language used in this morphic fireplace design. The fireplace is a natural architectural sacred space. It is the heart of the home representing spirit with fire. The archetype of hearth and home in this design is further embellished and layered with the geometric archetypes found in all of creation and measures of this Earth.

My hope is this piece communicates the love and joy my heart finds in God. In Hebrew the word is Elohim, which means God the creator of all things.

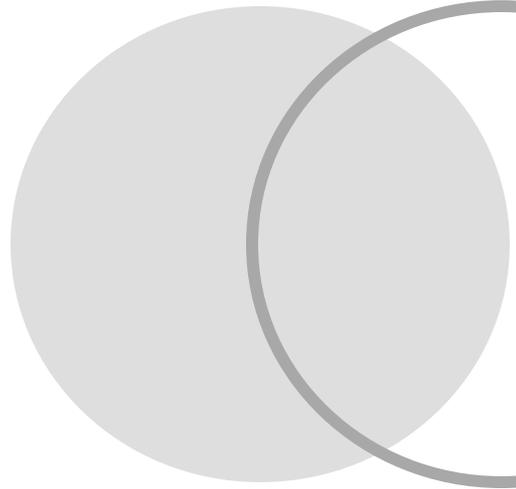


MONAD - DYAD

The infinity root knots are based on the Monad who's numerical value is 1 and shape is the circle, representing unity and wholeness. The trunks of the tree represent the Dyad who's numerical value is 2 and shape is the vesica pisces, representing duality and opposites.

At the beginning of the Bible, there is a tree that Adam and Eve eat from in Genesis 2:22 called the Tree of the Knowledge of Good and Evil. Adam and Eve eat the fruit of this tree against God's order causing the fall of mankind.

At the end of the Bible, in Revelation 2:22 is the Tree of Life is in a vision of heaven. This tree yields 12 fruits and the leaves are for the healing of the nations.



TRIAD - TRINITY

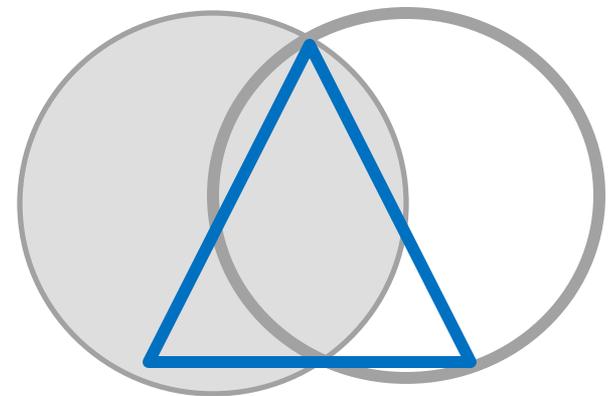
The Triad who's number is 3 and shape is the triangle, represents breaking through opposition to a place of peace. It is constructed from the vesica pisces.

The trunks of the trees represent the vesica pisces and position the trinity in this composition.

The lion with wings represents the Holy Trinity. The lion as God the Father. The right wing as God the Son, who sits on the right hand of the throne. The left wing as the Holy Spirit, who is left with us to guide us.

The trinity infinity knot represents the three who are one.

Behind the lion is a sacred arch marking the way to breakthrough.



MANDALA

In the sacred arch doorway behind the lion is a mandala. The cross in this design is connected by the spiral of life and linked into four leaf like vesicas.

The cross is curved suggesting the yin yang separation between God's perfection and our imperfection. Jesus died on the cross to pay the price for our imperfection. The mandala is placed in the sacred arch doorway because I believe Jesus made a way for us to have a relationship with God. It is a relationship to be enjoyed in this life and beyond . A life with a focus on God brings joy and peace that surpasses all understanding.

Transition in geometry is the number 8 and it takes 8 circles to make the 4 vesicas in this construction. The vesicas represent the trinity linked to the forgiven and redeemed of the Son. The spiral represents a life focused on a relationship with God.



TETRAD - AD QUADTRUM

The tetrad who's number is 4 and shape is the square, represents depth, volume, substance, and balance. This design uses the tetrad in the infinity root knot and branches of both trees.

In the Tree of Knowledge the tetrad represents the earth the tree grows from.

The Tree of Life is seen in a vision of heaven. The tetrad here represents a place of peace, balance, and harmony. Heaven is graced by the presence of God. It is the place the redeemed of the Son return to. Tetrad is the total of 4: Father, Son, Holy Spirit, and the redeemed. Tetrad also represents substance and matter. I believe heaven is such a place.



PENTAD - QUADRATURA CIRCULI

The Pentad who's number is 5 and shape is the pentagon represents regeneration. It also reveals the golden mean which is found in all of creation. I believe the golden mean is God's signature on his creation.

The knot border begins with quadratura circuli which means squaring the circle and represents the connection between Heaven and Earth. The circle represents Heaven and the number 1. The square represents Earth and the number 4. The sum of the quadratura circuli is 5 representing regeneration, creation, and life.

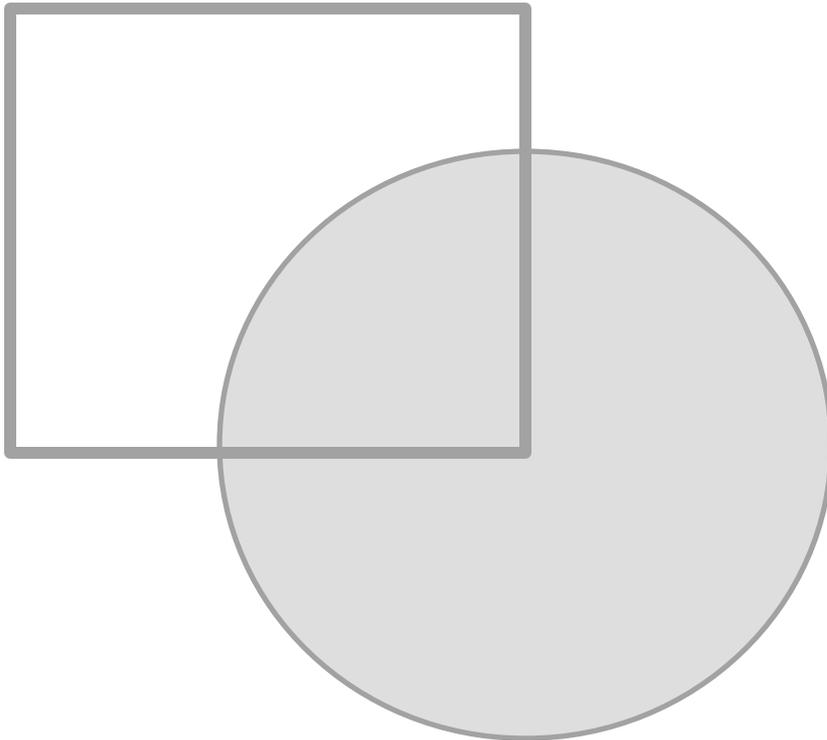
The center circle in this boarder is designed to suggest the Greek letter phi, which is used to note the golden mean. The length of the border line is the golden mean of the height of the fireplace composition as a whole. The green diagonal through the square in the knot reveals the formula for finding the golden mean: the diagonal of $\frac{1}{2}$ a square when constructed with a compass.



SUPER UNIVERSAL SHAPES

Looking down from above the fireplace is a circle on the horizontal plane. It is set into a 90 degree corner of a square and is another subtle reference to squaring the circle and heaven and Earth. The square, circle, and the triangle are the three super universal shapes.

These shapes are used in the structural design elements of this fireplace. The fireplace face is the circle. The room it is set in is the square. The trinity design element of the composition places the triangle in the opening of the fire box.

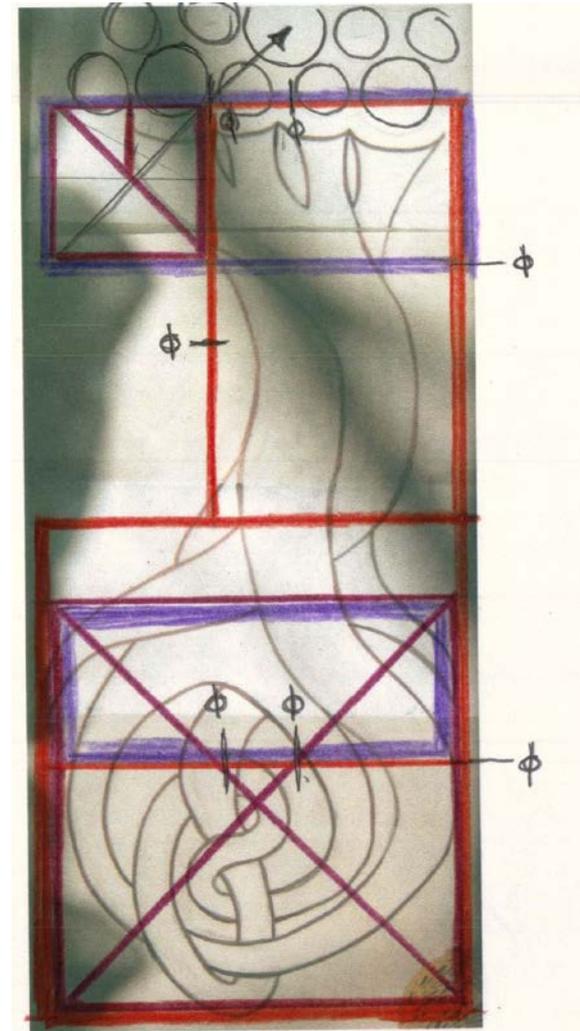
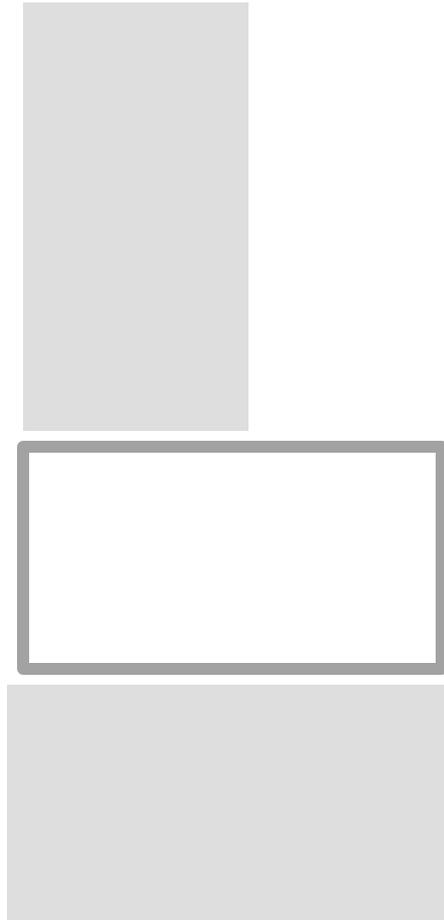


GOLDEN RECTANGLE

The fireplace composition as a whole is two, side by side, golden rectangles. The golden rectangle is made by adding the golden mean to a square.

The shape and size of the trees were made by creating a golden rectangle from the maximum width the tree could be. That dimension was made into a square. In that square is the circle for the root knot. The golden rectangle made from the square was templated and used like puzzle pieces to create a tree shape and size.

The illustration shows the golden means, golden rectangles, and M rectangles in the tree design. The M rectangle (purple) and golden rectangle (orange) are inseparable. If you create one you create the other and further illustrates the dyad of the trees.

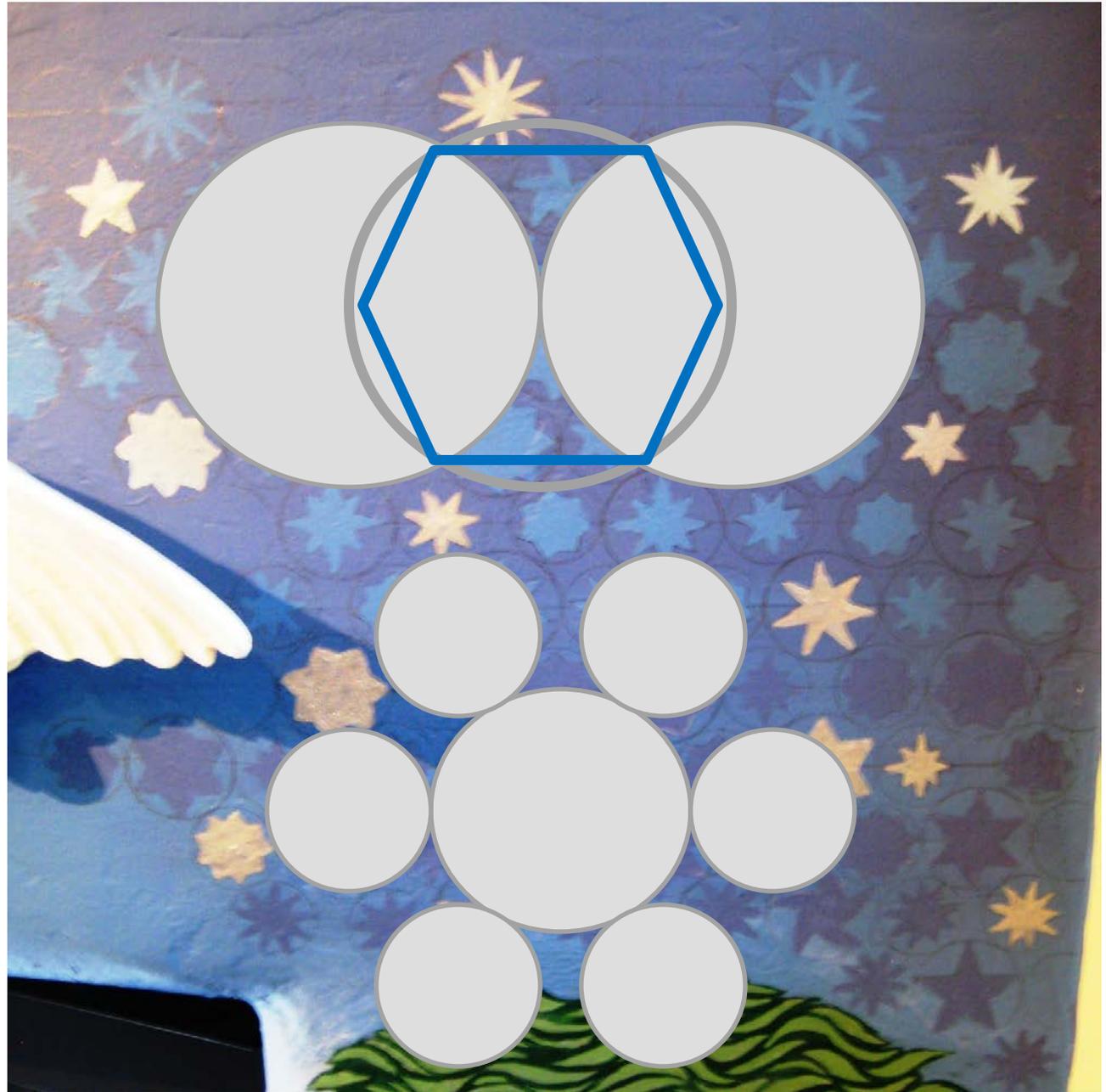


HEXAD

The hexad who's number is 6 and shape is the hexagon represents structure, order, and function.

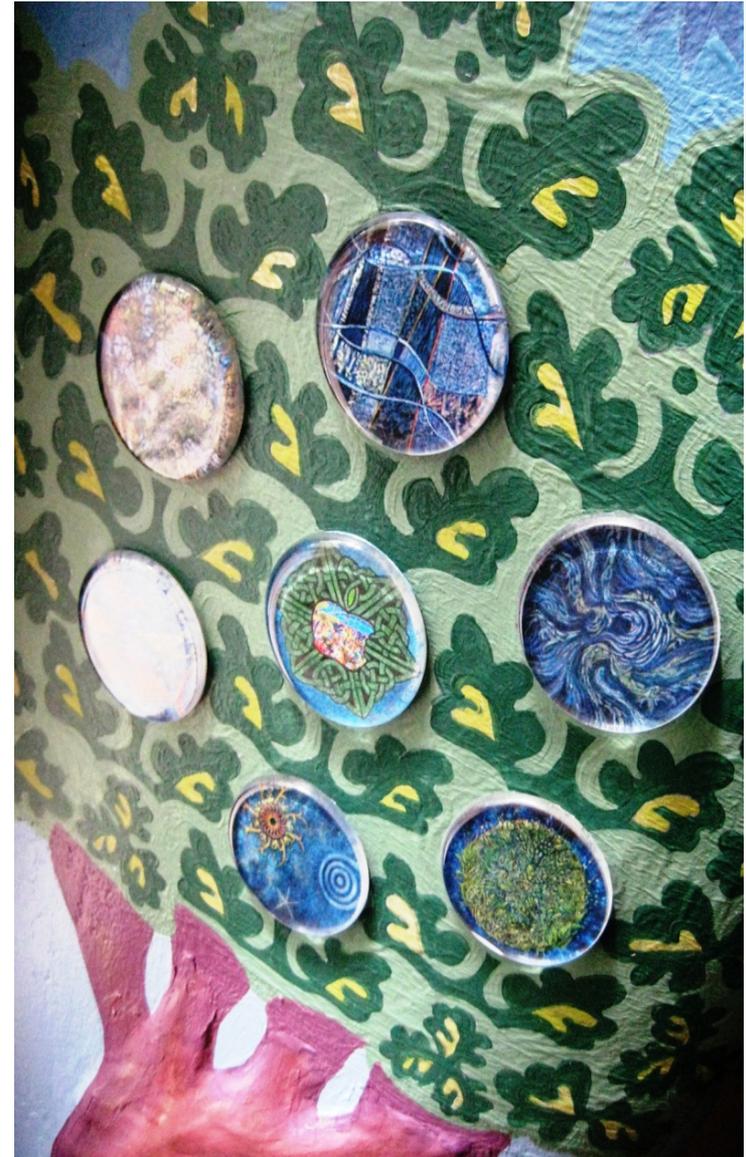
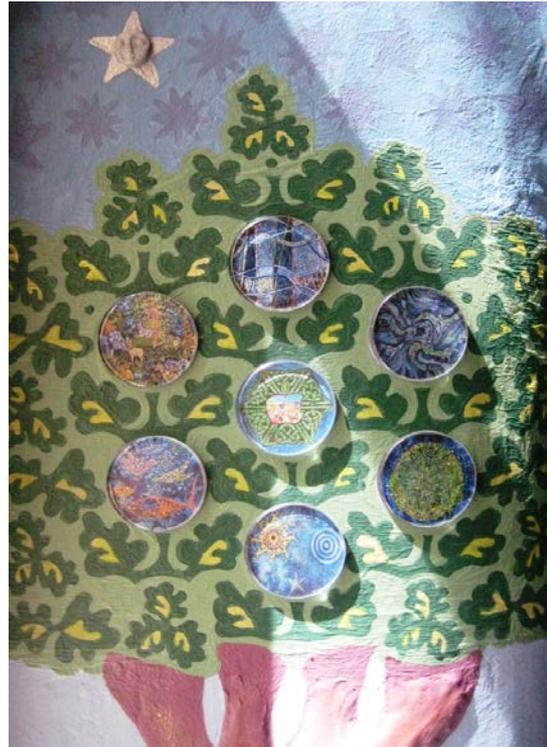
It is created from 3 circles connected through their center points. This links back to the trinity, a God who is one.

The tessellation grid that is used for both tree canopies and star weave contains the hexagon six around one pattern using circles. In mixing the circle and hexad, the design metaphorically seeks God's order. Two circle sizes are used in this grid. The size of the circles was dictated by the glass found to case the art work.



TREE OF KNOWLEDGE

The oak tree represents strength, stability, and nobility. The oak inspired the tessellation pattern of the tree canopy for the Tree of Knowledge. The tessellation grid is the six around one hexad and circle. The patterns developed from the shape of the leaves and the strong "arm like" branches of the oak tree.



SIX DAYS OF CREATION

Set in the branches are the 6 days of creation . The art work is from the collection Seven Days of Creation by Edgar G. Boevé, 1958, encaustic on masonite, 12 ½" x 16 ½" and used with the artist's permission.

Day One: Separation of light from dark.

Day Two: Separation of the waters from the sky

Day Three: Separation of land from water and creation of all plant life.

Day Four: Creation of the sun, moon, and stars.

Day Five: Creation of fish and birds.

Day Six: Creation of all other animal kind and all mankind.

On day seven God saw all was good and then He rested.



EDEN'S APPLE

"Eden's Apple" for the center of the tree of knowledge incorporates the infinity knot, hexagram, and the "oak apple." Oak apples exist, Google it in Google images. The center apple design is a painting by John Dyer who is the resident artist at The Eden Project Bio Dome. Additional information at: <http://www.johndyer.info/eden.html>.

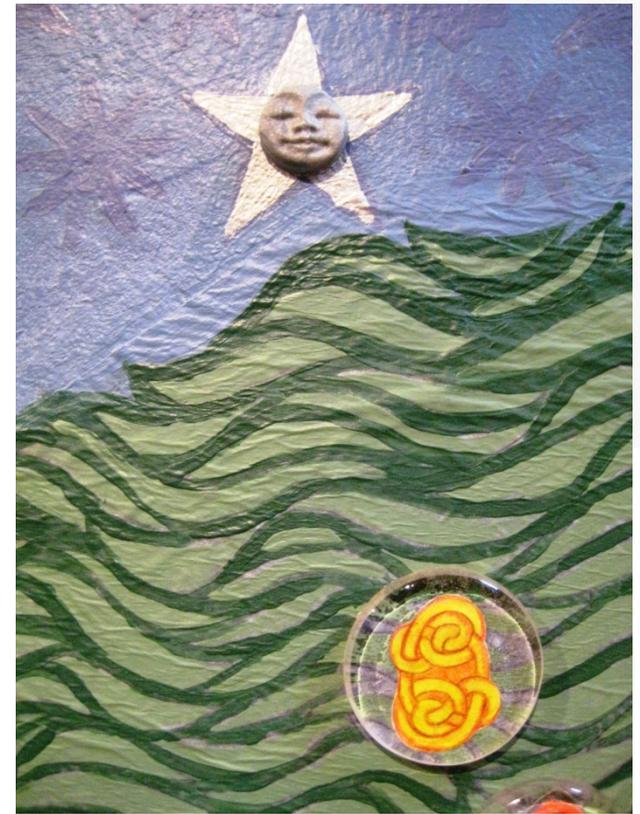
Geometry's beauty is most evident in the natural world that surrounds us. Our lack of understanding and respect is the fall of mankind. The evil that we do is destruction and a result of the one bite into forbidden fruit. As mankind destroys the environment, it is like taking another bite out of the Garden of Eden.

Our disrespect of God's order and the geometric foundations of this ecosystem is a knot of a dilemma. "Eden's Apple" is a status report from days of old, yet relevant commentary on the health of our planet even today. Interestingly, in the Bible, Adam's only job in Eden was to "expand the borders of the garden". That would make Adam the first conservationist...

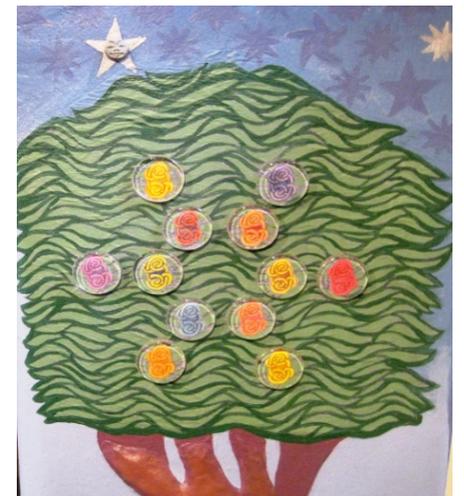


TREE OF LIFE

The olive tree represents peace, healing, and light. The tessellation grid in the leaves is the six around hexad and circle. The pattern draws from the characteristics of the olive leaf and tree. There are 12 fruits on the tree of life and they are done in olive shaped infinity knots. Color and music are connected in geometry. The fruit exhibits color/music note combinations.



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AD TRIANGULUM

Every good story has a beginning, middle, and end. That is the triad and why the ad triangulum is the key to unlocking the story in the stars. It begins above the tree, an incomplete and broken star, only half of what it should be.

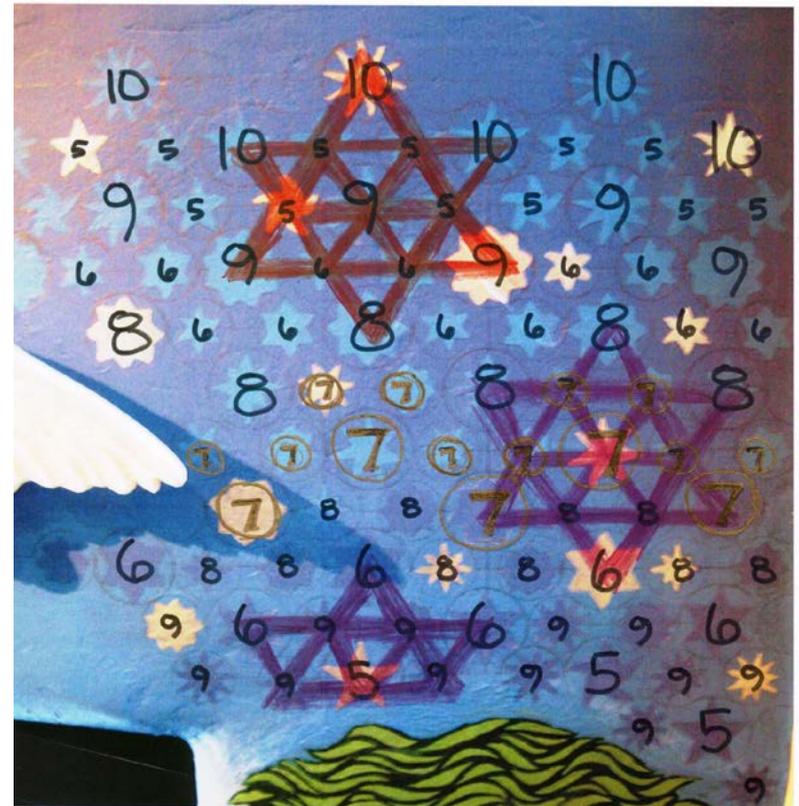
The ennad who's number is 9, meaning horizon and finishing post, marks the end of this star. It marks the atmosphere of Earth, a star in some other sky. The pentad, the heart of that star stops there; meaning regeneration that is interrupted, broken, and imperfect. The hexad creates a boundary that only allows for perfect function, order, and structure according to the original design, before the fall of mankind.

The bottom point of the middle star is the hexad bridged by the octad who's number is 8 and meaning is periodic renewal and transition. The numeric sum of the letters spelling Jesus in Greek is 888. The octad creates a way to the heptad and the heart of this star. The heptad who's number is seven and meaning is perfection and purity. In the star weave all of the heptad aligns with the trinity in the fireplace composition. When the bridge of transition is crossed into the presence of perfection and purity, the result is transformation into the perfect design that was intended from the beginning.

The bottom point of the of the final star is the octad, the transformed and renewed. The hexad is now a bridge of perfect order and structure according to design.

The ennad marks the completion of the good and perfect work. The pentad allows what is

finished and perfect to regenerate connecting the ennad to the decad. The decad who's number is 10 represents beyond and infinity.



DODEKAD

The dodekad who's number is 12 and shape is the dodekagon is constructed of two hexads. Because it is a double hexad the meaning of the dodekad is refined structure, function, and order. Above the Tree of Knowledge are 12 stars with faces. These faces represent the 12 tribes of Israel in the Old Testament. Above the Tree of Life are 12 stars with faces. These represent the 12 apostles of the New Testament.



PSALMS 91.1

The structural design elements of this fireplace are a progressive count starting at one in the tree design, and ending at six in the tessellation grids. When counting 1, 2,3,4,5,6... the number 7 is sure to follow. This design is intended to create a place for the heptad, and the presence of God in the heart of this home.



