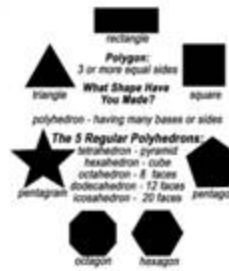


Geometric Paper Ball



The Dalí Museum
One Dalí Blvd.
St. Petersburg, FL 33701
727.623.4742
www.thedali.org



Materials Required:

Exact 67# Vellum Bristol white 8.5 x 11 or Mohawk 65# white 8.5 x 11" color copy cover stock (Mac Papers). Scissors, Tacky or Elmer's Glue, Scotch tape, Ribbon, Pen or Pencil and "original" pattern. Duplicate color copies (quantity you need) from the originals supplied or use old greeting cards.

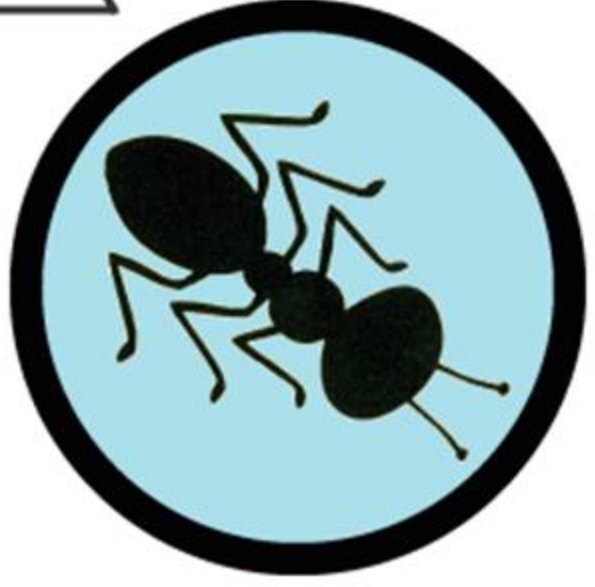
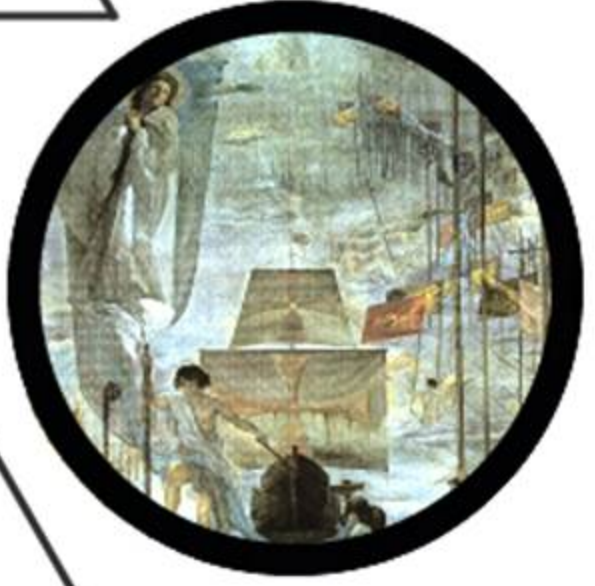
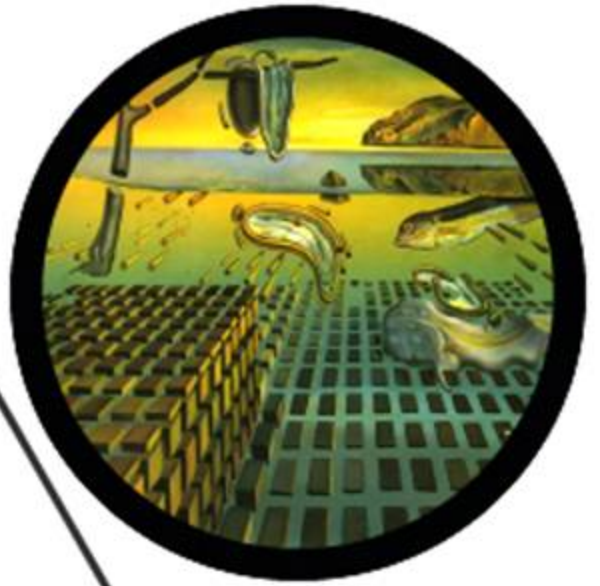
How To Do It:

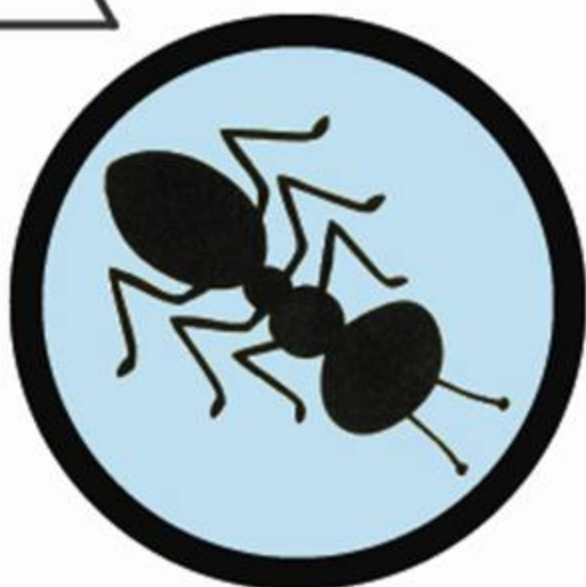
1. **Cut 8 circles for small ball
20 circles for the large ball.
Cut 1 triangle.**
2. **Trace triangle on back side of circles,
matching tops.**
3. **Fold edges of circles along triangle lines.**
4. **Loop, knot and tape ribbon hanger in place
on back side of one circle at top of triangle.**
5. **Join circles by gluing wing extensions
together to form top and bottom units.
For larger ball, continue attaching
mid section along remaining exposed edge
then attach bottom, to complete the ball.**



How this craft relates to Salvador Dalí

Salvador Dalí was frequently seen carrying a "Scientific American" magazine. He was very interested in all the scientific theories of the period including the theories of Werner Karl Heisenberg and quantum mechanics, Einstein's theories of space and relativity, the Golden Rectangle and the golden spiral logarithmic formulas. The book found on his bedside table at the time of Dalí's death was Matila Ghyka's "Geometry of Art and Life". Dalí was also very interested in the discovery of the shape of the DNA spiral, for which Crick and Watson won a Nobel Prize.







rectangle

Polygon:
3 or more equal sides

triangle

square

What Shape Have You Made?

polyhedron - having many bases or sides

The 5 Regular Polyhedrons:

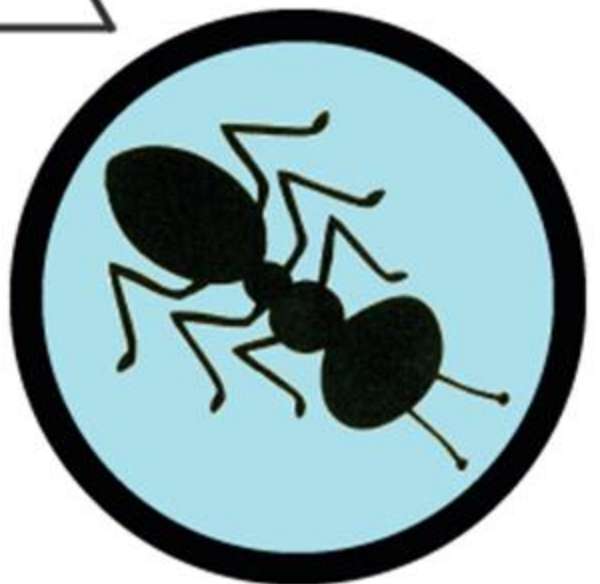
- tetrahedron - pyramid
- hexahedron - cube
- octahedron - 8 faces
- dodecahedron - 12 faces
- icosahedron - 20 faces

pentagram

pentagon

octagon

hexagon





rectangle

Polygon:
3 or more equal sides

What Shape Have You Made?

triangle square

polyhedron - having many bases or sides

The 5 Regular Polyhedrons:

tetrahedron - pyramid
hexahedron - cube
octahedron - 8 faces
dodecahedron - 12 faces
icosahedron - 20 faces

pentagram pentagon

octagon hexagon

