

DICK TERMES
ART, MATH & SCIENCE
LECTURES, WORKSHOPS & SHOWS



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Internationally known, Dick Termes is recognized as one of the most original and innovative visual artists living today.

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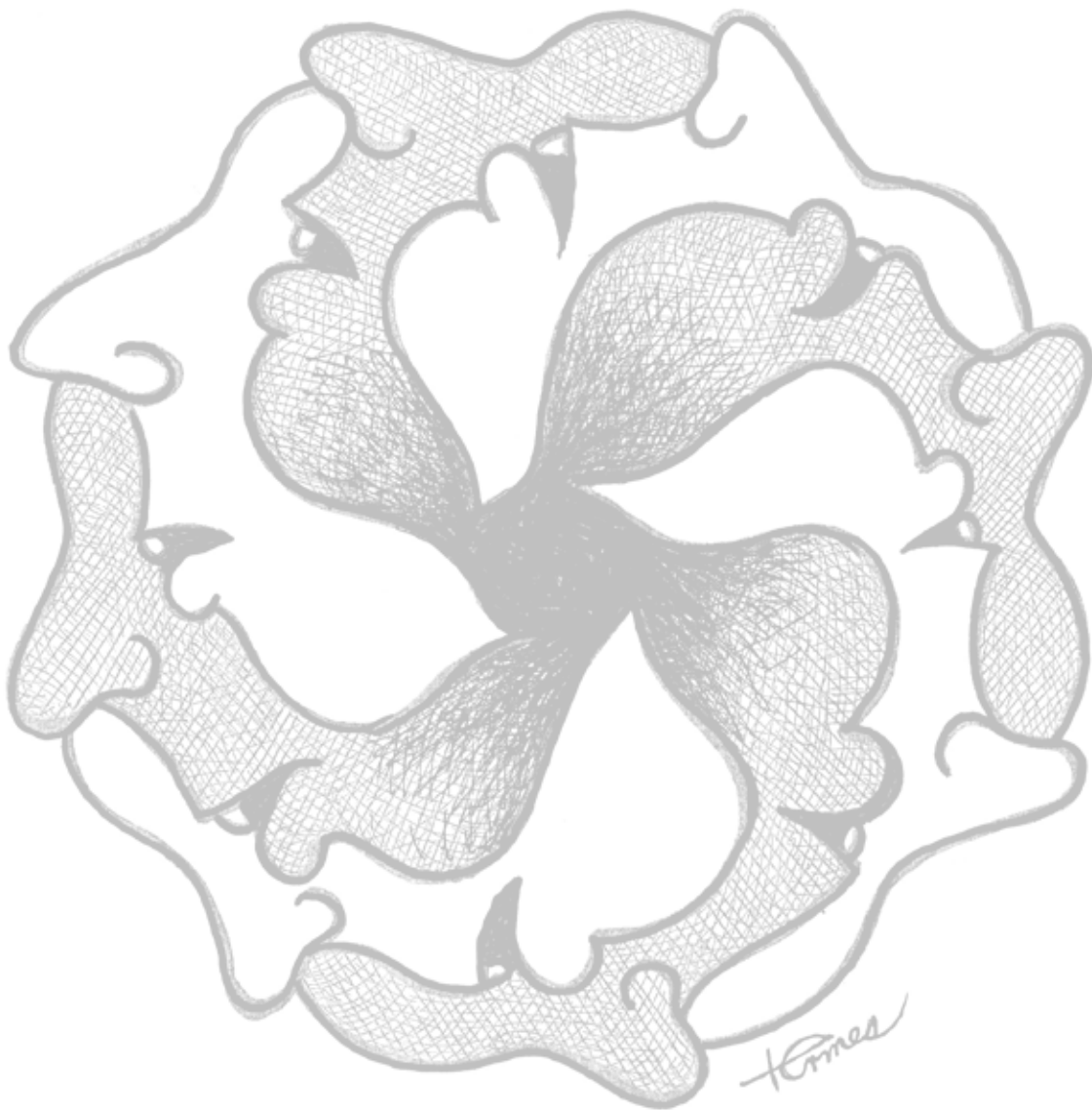
Imagine that you are standing inside a transparent ball, suspended 50 feet above the Grand Canyon floor...

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“Dick Termes is a contemporary artist who matches my father’s quest in capturing the ‘un-capturable’ – visual dimensions that are fascinating to ponder.”

~George Escher,
M.C. Escher’s son.



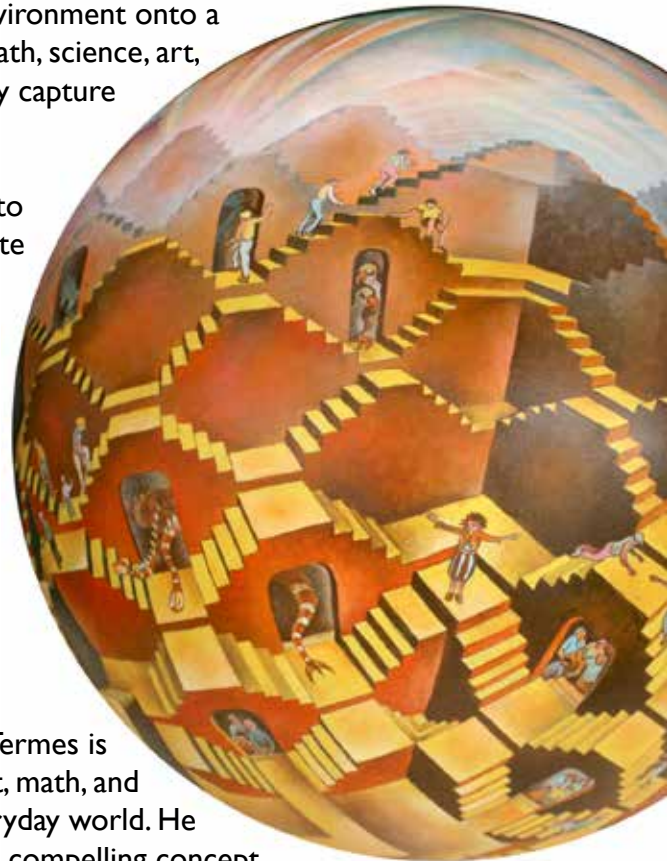
SUMMARY

Most artists spend their entire life trying to find that one special thing. That special idea or style that will allow them to contribute something to the art world that is truly unique. Internationally acclaimed artist, Dick Termes has discovered his idea.

Through a self-devised geometric system known as Six-Point Perspective, Termes is able to transfer a complete environment onto a spherical canvas. With little more than math, science, art, and his own creativity, Termes can literally capture worlds.

Termespheres - as his works have come to be known - can be seen in galleries, private collections, and museums around the world. He has been featured in dozens of books and countless magazines. He has thousands of followers on various social media sites and his online media has captured hundreds of thousands of views across the world.

An educator at heart, one of his many talents is his ability to connect with all age groups through a variety of lectures and workshops. By incorporating visual demonstrations and hands-on activities, Termes is able to teach students of all ages how art, math, and science intertwine seamlessly in our everyday world. He is able to capture and show students this compelling concept in a hands-on way.





“When I was sent information about [Dick’s] work, I was already stupefied. [I] never realized that painting on an actual sphere could give an entirely new visual experience hitherto unknown to me.”

Bruno Ernst, leading expert on M.C. Escher
and author of “The Magic Mirror of M.C. Escher”

THE MAN

Dick Termes is internationally known and recognized as one of the most original and innovative visual artists living today.

Raised in Spearfish, South Dakota, Termes received his Bachelor's Degree in Education from his hometown Black Hills State University and quickly began a career as an educator. It was during this period that Dick truly discovered his talent for sharing ideas. After four years as a high school art and biology teacher,

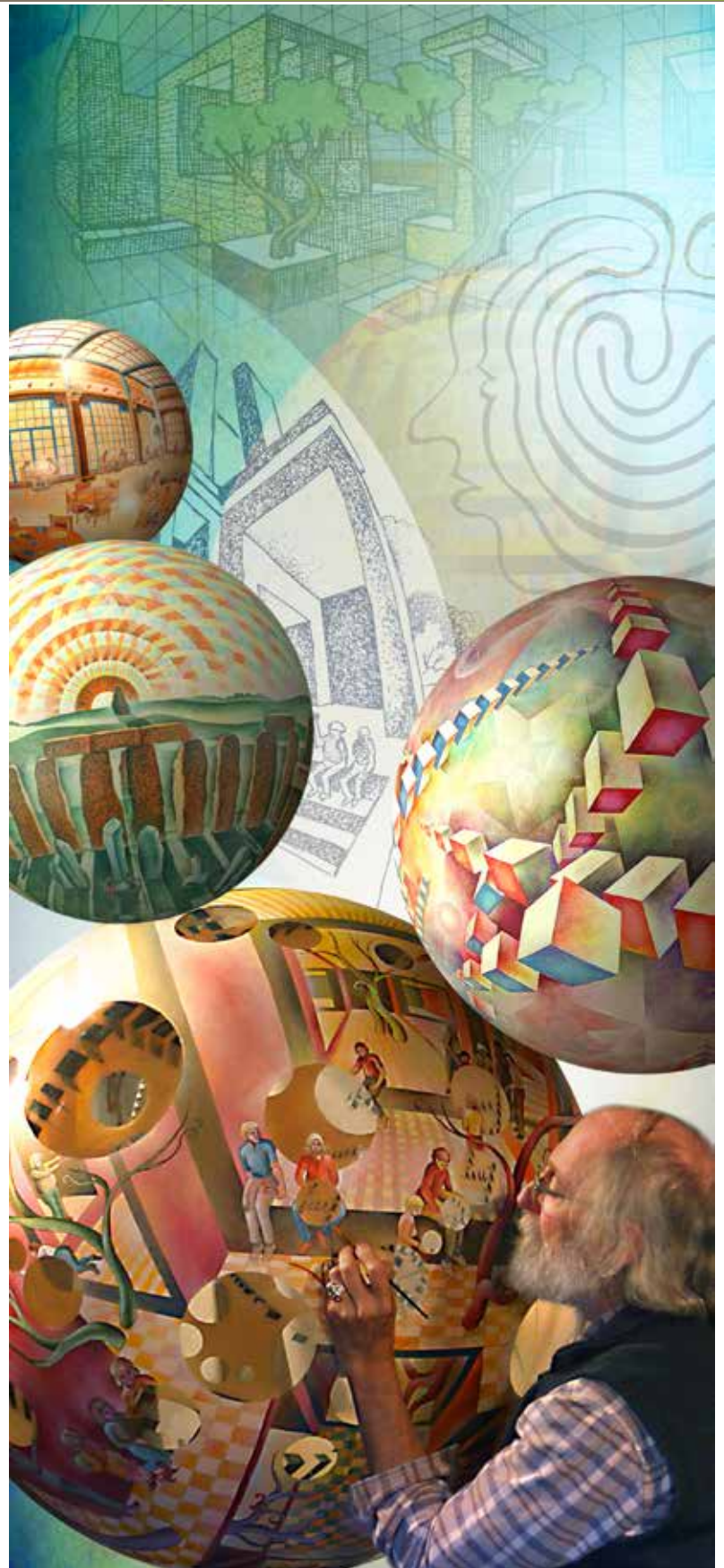
Termes decided to continue his education at the University of Wyoming, where he received a Master's Degree in Art and began to explore perspective art. Otis Art Institute in Los Angeles recognized Dick's talent and offered him a full scholarship to complete his MFA.



In 1971, Termes returned to his native South Dakota and took a position at Black Hills State University as an Associate Professor of Art. He loved time spent in the classroom, helping aspiring artists reach their creative potential. Eventually, Dick chose to nurture his own potential and pursue his art on a full-time basis.

Since then, Termes has flourished as a full-time artist. In 1992, he opened the Termesphere Gallery just outside of Spearfish that has been visited by thousands of admirers and art enthusiasts from around the globe.

Termes has presented unique art and math seminars across the country and all over the world. His art is featured in dozens of publications illustrating concepts in art, math, psychology, optical illusions, and even economics.

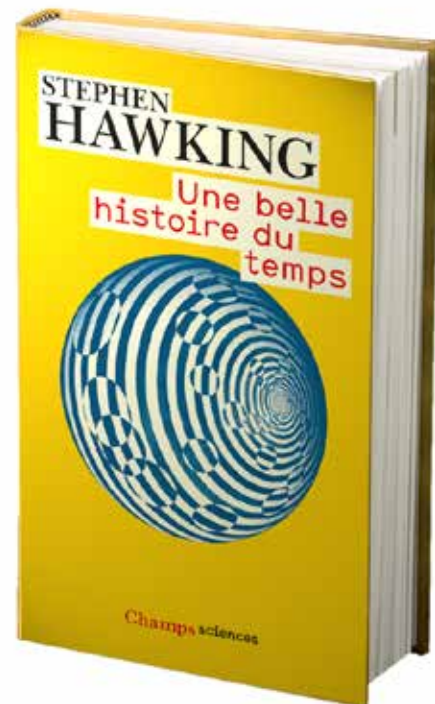


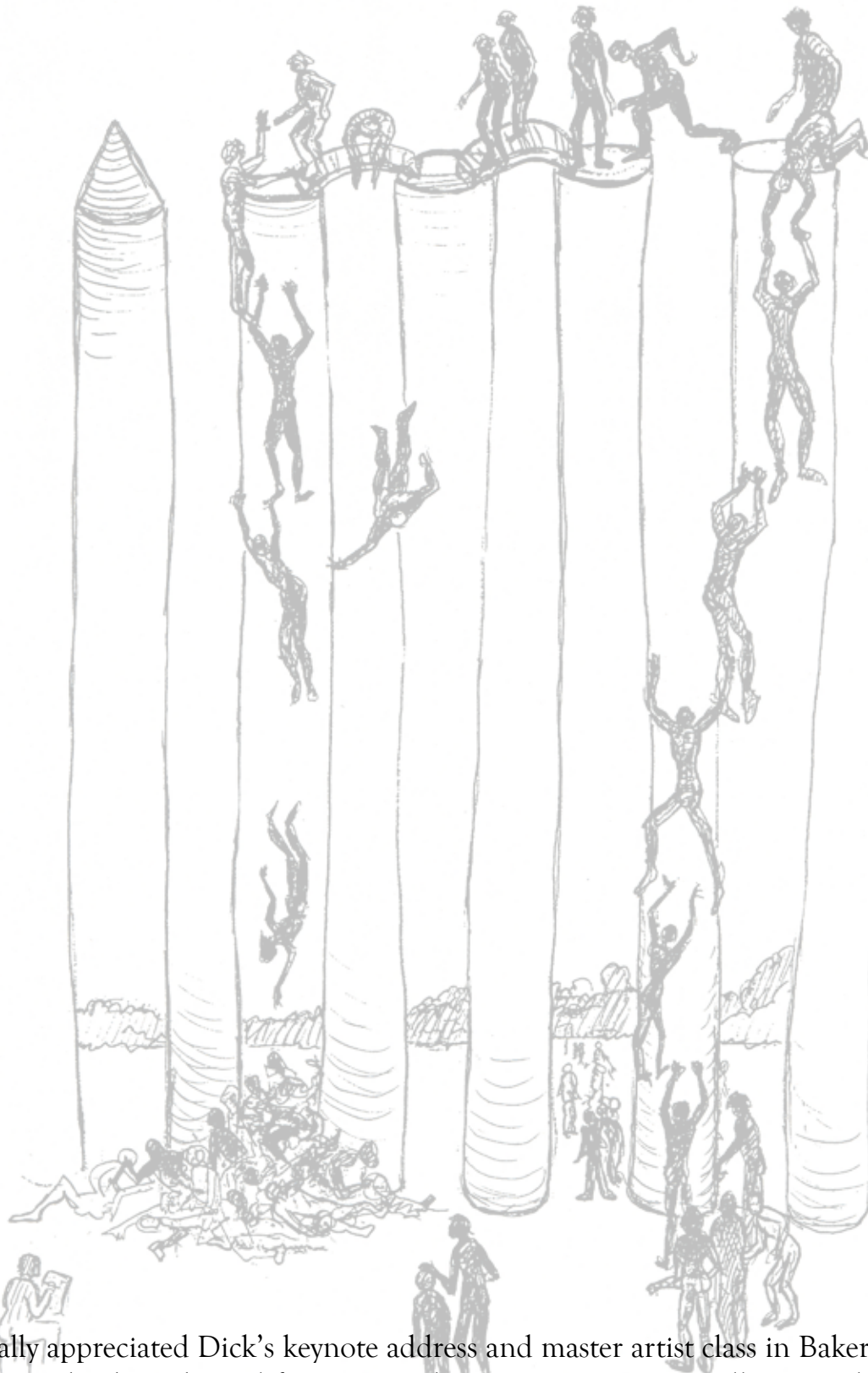


In 1998, Termes was honored to receive an invitation to display his work at the University of Rome alongside the work of one of his major influences, M.C. Escher. Upon viewing Termes' work, George Escher - M.C. Escher's son - reflected on the similarities between Termes' work and his father's quest for visually fascinating dimensions.



Termes is proud to have received the South Dakota Governor's Award in the Arts. He has been inducted into the South Dakota Hall of Fame, and in 2014, his home town of Spearfish, South Dakota named September 9th, "Dick Termes Day".





“I really appreciated Dick’s keynote address and master artist class in Bakersfield... He was a big hit! The California Art Education Association really enjoyed having him participate in the conference as a whole, too.”

Donna Banning, Conference Manager,
California Art Education Association.



THE ART

Imagine that you are standing inside a transparent ball, suspended 50 feet above the Grand Canyon floor...



You are higher than some canyon walls but lower than others. You have paints and a brush. You begin to paint what you see on the inside surface of the ball. First you paint the north face, then the east, south, and west. Finally, you paint everything visible above and below.



Observing from outside the sphere, you can see that you have captured the entire three-dimensional landscape. In fact, you've discovered the structure of your visual experience - a Termesphere.

a 360 degree circle. The two-point perspective system divides the circle into a 90 degree piece. In other words, their paintings could capture everything between the North point on the horizon to the East point.



Italians Piero della Francesca, Leon Battista Alberti and others formulated the basic rules of traditionally defined perspective in the 15th century. These artists took on perspective by imagining a line that represents the horizon as

Termes has pushed the rules of perspective in order to capture more and more of the visual world. Six-Point Perspective drawings and paintings reveal a total view encompassing the

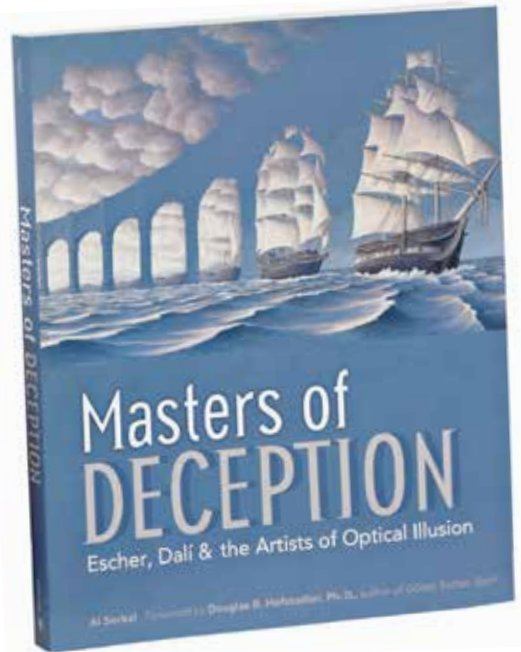


full 360 degrees: North, South, East, West, above and below. This completely unique, holistic way of seeing, painting, and thinking is key to experiencing the work of Dick Termes. Since 1968, Termes has painted more than 400 major spherical surfaces.

Termespheres hang in space and rotate on a central axis with the assistance of electric motors. They push two-point perspective to Six-Point Perspective, creating three-dimensional spherical worlds. Termespheres are not collages or collections of diverse images, or as some say, "Six paintings in one". Instead, they are complete representations of highly structured environments. Full viewer participation is only possible if one mentally enters the structure and becomes immersed within it.



One finds that the Termesphere from the inside is sometimes not what the Termesphere is from the outside. One of the most interesting parts of the Termesphere is the optical illusion created by the combination of perspective-based art and motion. By rotating the sphere and focusing on the image as a whole, one will notice the convex surface of the sphere will appear to “flip” to concave and the rotational direction will appear to switch. This effect is as mesmerizing as it is fascinating. It has become known as the Termes Illusion and has been mentioned in many publications on optical illusions, including Al Seckel’s best-seller *Masters of Deception*.



SO WHY DOES THIS HAPPEN? WHAT CAUSES THE ILLUSION? WHO BETTER TO ANSWER THAN THE ARTISTS HIMSELF?

“Well, as with almost all ‘why’ questions, especially when it comes to perception, the real answer is ‘We don’t know for sure’.

That said, we tend to see things in the context of what’s familiar to us. This is especially true when we see two dimensional images.

The mind, not the eye, is what finally decides what it thinks it’s seeing.

And once a person’s mind starts believing the illusion of three dimensional space, it will do so in the way that’s most familiar to it.

The sphere has to be revolving so the mind can put the ‘whole big picture’ together. Much like the way it puts a series of still pictures together when you watch a movie.

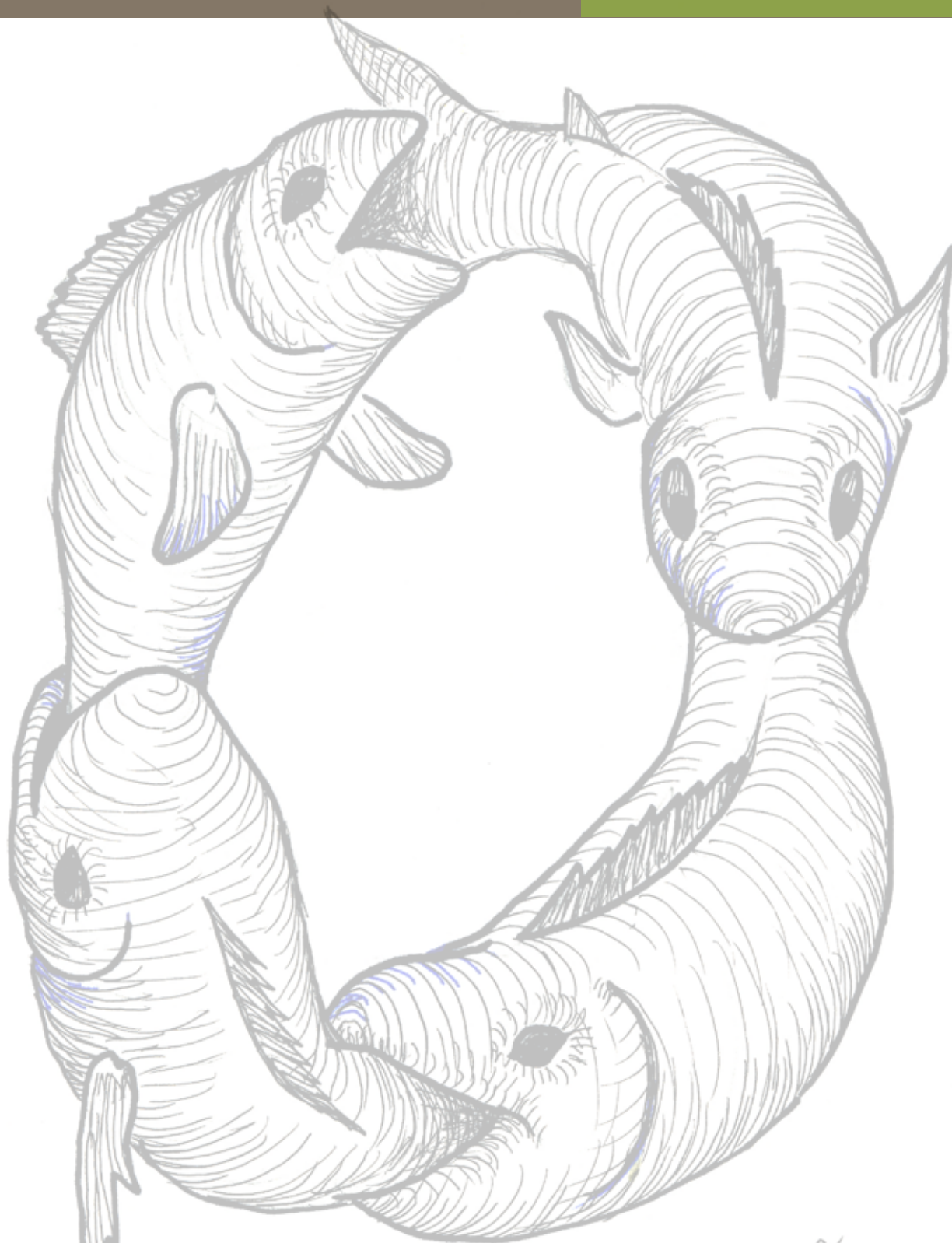
Once that happens, the picture is ready to ‘flip.’

I’ve noticed that the flip happens quicker for most people when the subject is very realistic. In fact, the more realism in the painting, the quicker it flips.

It’s pretty amazing, at first you’re on the outside of the ball looking in, with the ball surface traveling left to right. Then, all of a sudden you’re inside the ball looking out, and the world around you is spinning the exact opposite way! I’ve seen it thousands of times and I still can’t believe it!”

-Dick Termes





“[Dick’s lecture] was a perfect event to combine with our spring seminar on art and mathematics. Dick Termes covered everything we have learned this semester in just one hour!”

- Judith A Silver, PhD,
Professor of Mathematics, Marshall University

GLOSSARY

TERMESPHERES:

Paintings on spherical canvases that capture an entire environment; up, down, left, right, front, and back.

TERMES ILLUSION:

A visual trick that appears to a viewer when a rotating Termesphere appears to reverse its direction of rotation simultaneously reverse its curvature from convex to concave.

M.C. ESCHER:

A Dutch graphic artist. He is known for his often mathematically inspired woodcuts, lithographs, and mezzotints. These feature impossible constructions, explorations of infinity, architecture, and tessellations.

PERSPECTIVE DRAWING:

The artistic interpretation of the state existing in space before the eye.

PLATONIC SOLIDS:

In Euclidean geometry, a Platonic solid is a regular, convex polyhedron with congruent faces of regular polygons and the same number of faces meeting at each vertex. Five solids meet those criteria, and each is named after its number of faces.

POLYHEDRON:

(plural polyhedra or polyhedrons) A solid in three dimensions with flat faces, straight edges and sharp corners or vertices.

SIX-POINT PERSPECTIVE:

A perspective system developed by American Artist Dick Termes. This system is used to capture total visual space on a spherical canvas.



“What a unique experience for our kids to get to converse with such an original and recognizable artist. Teachers and parents commented on how good Dick was with the kids. He’s well prepared, able, and ready to adjust his presentation for each different age group.”

- Kristie Maher,
Executive Director, South Dakota Discovery Center.

*Termes
96
TURTLES IN WINTER*

**LECTURES &
WORKSHOPS**

***For booking and more information:
Call (888) 642-4805
or email contact@termespheres.com***

Termes' talent is not limited to the brush and canvas. He is an inspirational public speaker, demonstrator, and teacher. Termes offers many different lectures and workshops designed to help educate and entertain all ages and interests. His work encourages creative thought and his eagerness to share his gift with the world makes his lectures and workshops a pleasure to attend. Below you will find some of the many different education options offered by world-renowned artist Dick Termes. Please note that although timeframes and age groups are suggested for each lecture and workshop, almost all of the services offered can be modified to fit different age groups and timeframes.

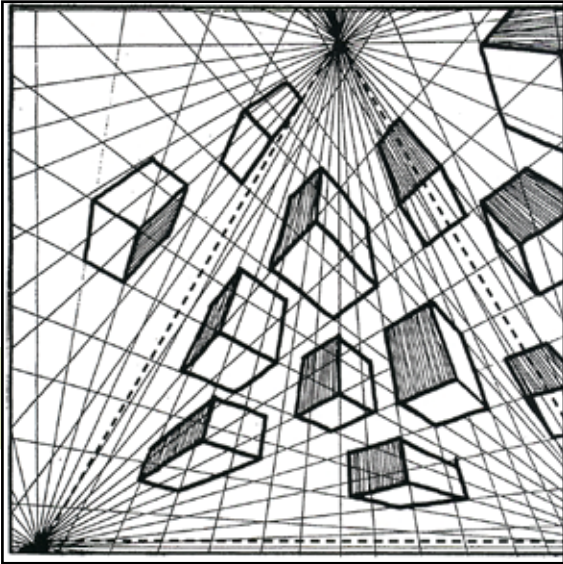
AVAILABLE LECTURES

“Thank you for the beautiful talk that you gave at MathFest in Kentucky.
Your talk [‘The Geometry of Visual Space] was the highlight!”

- Annalisa Crannell,
F&M Mathematics Department Lancaster PA
and Marc Frantz,
Department of Mathematics University of Indiana



I-6 POINT PERSPECTIVE DRAWING LECTURE



In this lecture Termes explains a new way to teach and think about perspective drawing. Using grids and lines to demonstrate the direction and movement necessary to draw the different systems of perspective, Termes visually walks participants through how to use the grids by making up scenes as he goes along. The lecture will cover one and two-point perspective; curved-line four-point perspective - which creates 360-degree panoramic drawings; the fish eye five-point perspective; and even a flat six-point perspective demonstration. By the conclusion of the lecture the participants will have an understanding of how to capture a total visual space on polyhedra and spheres.

<i>Length:</i>	<i>1 Hour</i>
<i>Ideal Age Group:</i>	<i>Middle School and Up</i>
<i>Ideal Environment:</i>	<i>Meeting Room or Lecture Hall</i>

OPTICAL ILLUSIONS LECTURE



<i>Length:</i>	<i>1 Hour</i>
<i>Ideal Age Group:</i>	<i>Middle School and Up</i>
<i>Ideal Environment:</i>	<i>Meeting Room or Lecture Hall</i>

In this lecture, Termes discusses the concepts behind multiple optical illusions and breaks down how they are created. Termes explores the many different kinds of optical illusions he himself has explored. After studying these illusions and what their basic properties are the students will be guided through creating optical illusions of their own.

TERMESPHERE VIDEO LECTURE

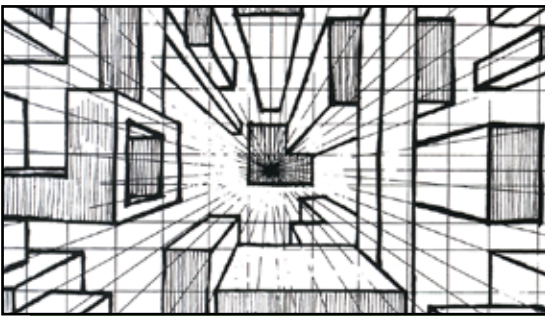


<i>Length:</i>	<i>45-75 Minutes</i>
<i>Ideal Age Group:</i>	<i>4th grade and up</i>
<i>Ideal Environment:</i>	<i>Meeting Room or Lecture Hall</i>
<i>Required Venue Equipment:</i>	<i>LCD Projector and Screen</i>

Termes shows short video clips of several different Termespheres he has created over the years. He also brings actual examples of his original Termespheres, Polyhedra Paintings, and Total Photos to discuss with the audience. Termes explains why and how he painted these pieces and also shares fun and personal stories about the work.

AVAILABLE WORKSHOPS

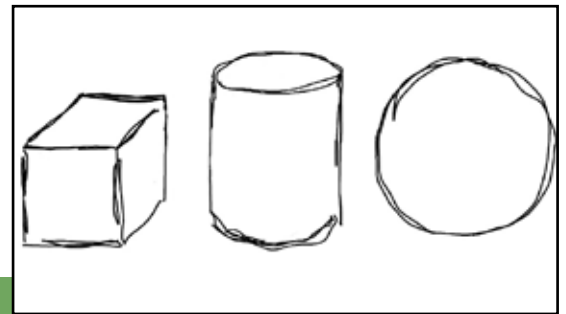
I-6 POINT PERSPECTIVE



<i>Length:</i>	<i>2-4 hours</i>
<i>Ideal Age Group:</i>	<i>Middle School and Up</i>
<i>Ideal Environment:</i>	<i>Classroom or Similar Set Up</i>
<i>Supplies Provided by Termes:</i>	<i>Copy Paper, Pencils, Erasers, and Masking Tape</i>
<i>Required Venue Equipment:</i>	<i>Overhead Projector, Copies of provided sheets</i>
<i>Additional Staffing Required:</i>	<i>1 or 2 people, if available</i>
<i>Attendance:</i>	<i>Up to 30 students</i>

The focus of this workshop will be on students actually learning how to draw in One- through Six-Point Perspective. The course usually takes two to four hours for quality “take home” results depending on the number of students. Grids are handed out to help students move more quickly from One through Six-Point perspective. Up to 30 students can be included in this workshop with some outside help. When students are done with this workshop they will be able to draw 360-degree panoramic scenes and flat five- and six-point perspective drawings.

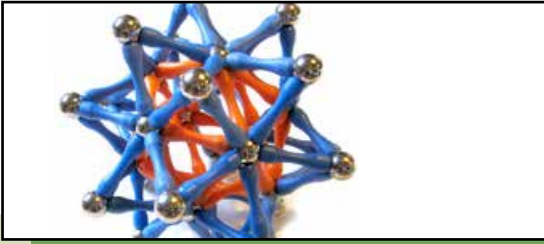
BASIC DRAWING



<i>Length:</i>	<i>1 to 4 Hours</i>
<i>Ideal Age Group:</i>	<i>Middle school and up</i>
<i>Ideal Environment:</i>	<i>Classroom or similar set up</i>
<i>Supplies Provided by Termes:</i>	<i>Pencils, Erasers, and Copy Paper</i>
<i>Additional Staffing Required:</i>	<i>None</i>
<i>Attendance:</i>	<i>Up to 30 students</i>

This workshop presents a very logical approach to drawing. It is designed for anyone from middle school students to senior citizens, art students or non-art students who want to be able to express visual ideas. The class will explore drawing the cube, cylinder, and sphere. The students will then learn to add and subtract the shapes to finally develop an understanding of how to apply these drawing techniques to convey realistic images. Along with learning these basic solids the students will explore contour surface lines and shading techniques. Once these ideas are explained and experienced, students will wonder why they thought drawing was so hard.

3D INTERACTIVE STRUCTURES



Length:	<i>1 Hour</i>
Ideal Age Group:	<i>5th Grade and Up</i>
Ideal Environment:	<i>Classroom or similar set up</i>
Supplies Provided by Termes:	<i>Magnetic tools and Examples of 3D Structures</i>
Required Venue Equipment:	<i>None</i>
Additional Staffing Required:	<i>None</i>
Attendance:	<i>Up to 30 Students</i>

This hands-on workshop will educate students on how to build the platonic solids and polyhedra by using magnet sticks and steel balls. This workshop demonstrates how these geometric shapes are used in sculpture, architecture, chemistry, biology, and all throughout nature. The magnet stick and steel ball sets are provided by Termes to help the students create approximately 20 different polyhedra. Students see the world in a whole different way when they have completed this course.

SPHERICAL ART FROM GEOMETRY

Length:	<i>1 Hour</i>
Ideal Age Group:	<i>5th Grade and Up</i>
Ideal Environment:	<i>Classroom or similar set up</i>
Supplies Provided by Termes:	<i>Magnetic tools and Examples of 3D Structures</i>
Required Venue Equipment:	<i>None</i>
Additional Staffing Required:	<i>None</i>
Attendance:	<i>Up to 30 Students</i>

This workshop is most useful if preceded by the 3D Structures Interactive Workshop, but not required. Termes provides a small spherical canvas to the students, and building on geometric concepts, he describes the many ways the students can breakdown the regular polyhedron into more complex designs on the sphere. With Termes' guidance, students come up with their own unique geometric design they apply to their sphere.

GRID ART

Length:	<i>1 Hour</i>
Ideal Age Group:	<i>4th Grade and Up</i>
Ideal Environment:	<i>Classroom or similar set up</i>
Supplies Provided by Termes:	<i>Copy Paper, Pencils, and Erasers</i>
Required Venue Equipment:	<i>Copies of provided sheet</i>
Additional Staffing Required:	<i>None</i>
Attendance:	<i>30</i>

Grids or substructures are used by many artists. Termes shares a large collection of grids with students. Students explore tessellations and other patterns that come out of the various grids, and begin to understand realism that conforms to the grid. Colored pencils are used for finished results.

TETRA GROUP ART

Length:	<i>1 to 2 hours</i>
Ideal Age Group:	<i>Middle School and up</i>
Ideal Environment:	<i>Classroom or similar set up</i>
Supplies Provided by Termes:	<i>Student created large polyhedron provided for an additional fee</i>
Required Venue Equipment:	<i>Copies of provided sheet; copy machine</i>
Additional Staffing Required:	<i>None</i>
Attendance:	<i>Up to 30 Students</i>

Students will draw on a flattened Tetrahedron using a system in which their drawings must come extend beyond the paper triangles at particular points. Their drawing on the tetrahedron will be then copied. The pieces can then be rejoined with other copies of their work in many different ways. Using colored pens or pencils they add color to their designs. When complete, each individual student's work can be added to other students' work to fit together harmoniously. These combined pieces can be displayed as a large flat mural. Alternatively, the pieces can be glued onto a large polyhedron. The end result produces a collaborative design created by multiple minds. Arrangements need to be made if Termes is to supply the large polyhedron like a Tetrahedron, Octahedron, or Icosahedrons.

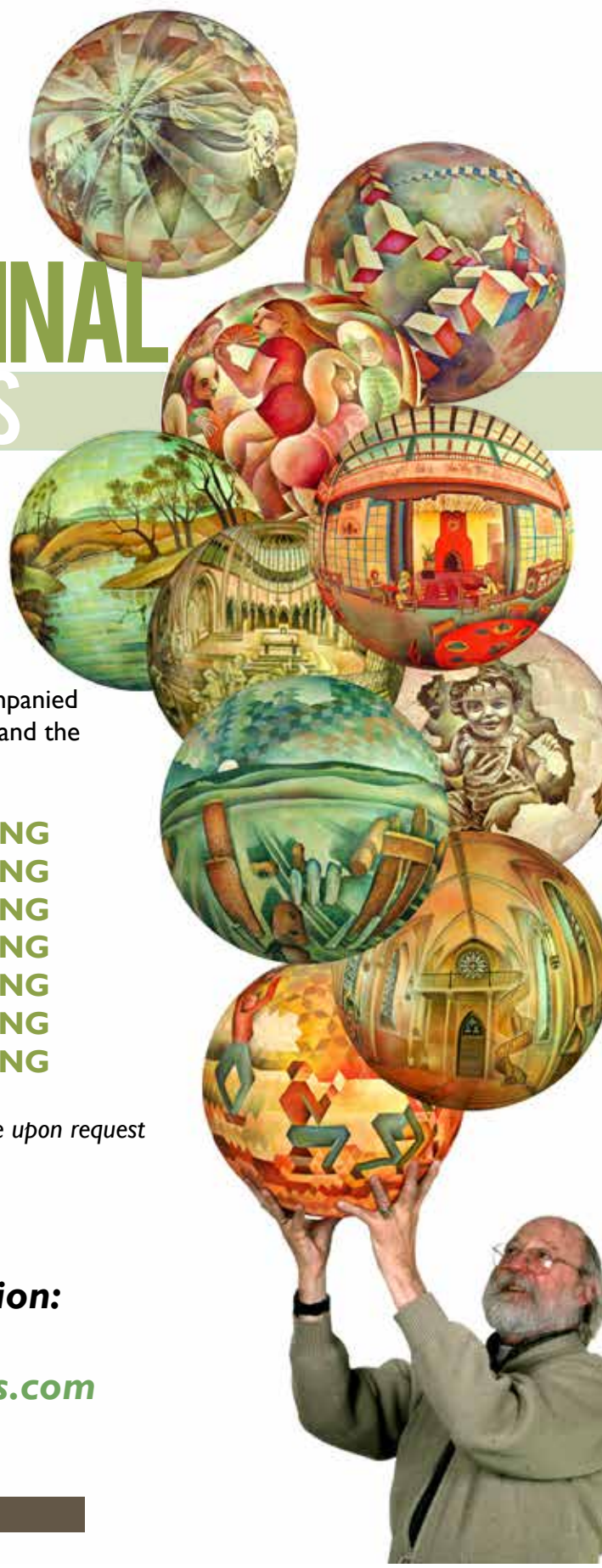
EXHIBITS OF ORIGINAL TERMESPHERES

An exhibit of valuable, intriguing, and one-of-a-kind Termespheres will be displayed at your venue for a period of up to one month. If desired, these exhibits can be accompanied by a brief talk by Termes explaining the different artworks and the motivation that led to their creation.

8 PIECES COST: \$ 800.00 + SHIPPING
12 PIECES COST: \$1000.00 + SHIPPING
18 PIECES COST: \$1500.00 + SHIPPING
24 PIECES COST: \$2000.00 + SHIPPING
30 PIECES COST: \$2500.00 + SHIPPING
40 PIECES COST: \$3000.00 + SHIPPING
50 PIECES COST: \$3500.00 + SHIPPING

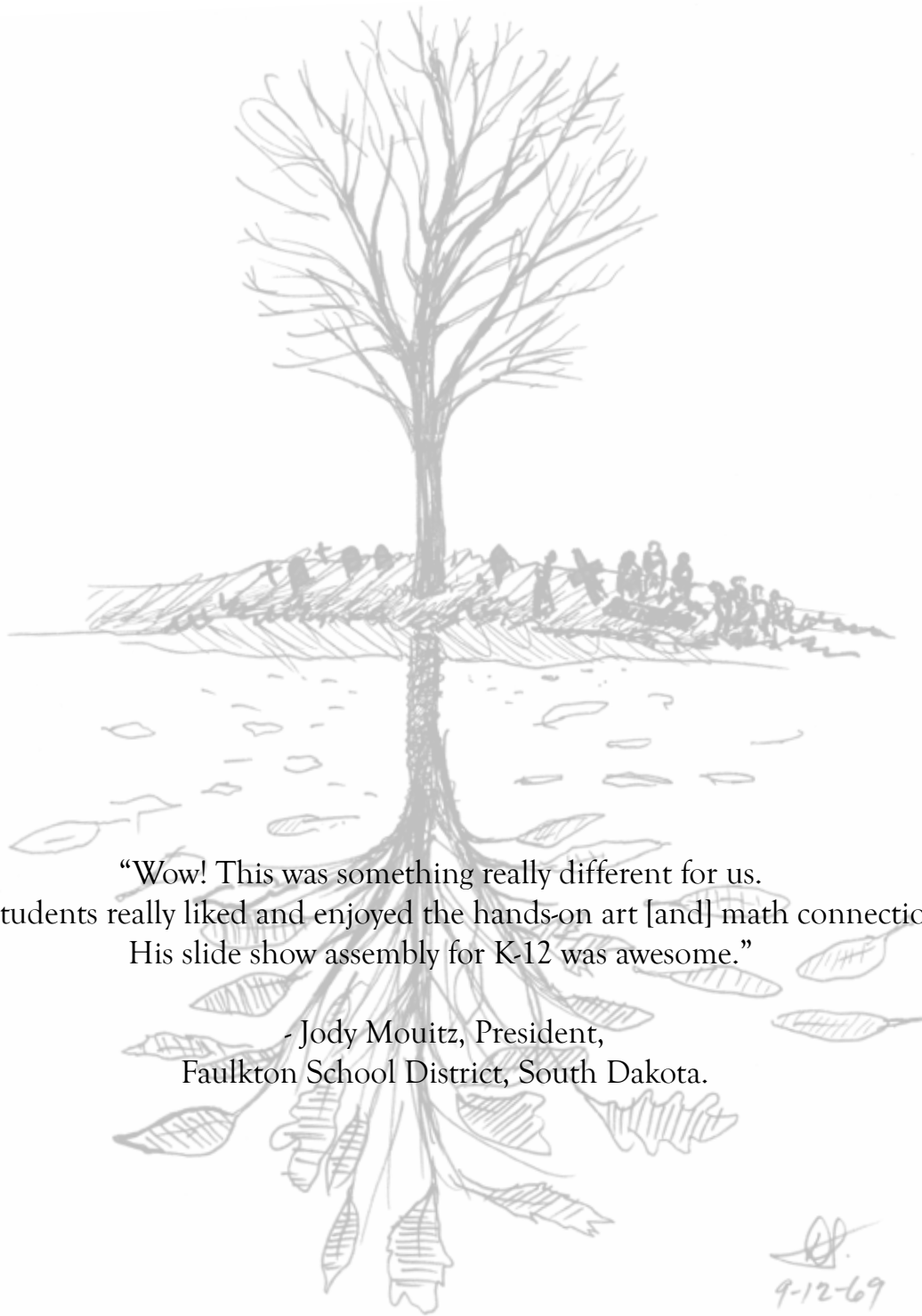
Additional information available upon request

For booking and more information:
Call (888) 642-4805
or email contact@termespheres.com



“We are so lucky to have him available for the workshops and his art in general. What a talented, modest man he is!”

-Susan Braunstein,
Rapid City Public Library.



“Wow! This was something really different for us.
The students really liked and enjoyed the hands-on art [and] math connection.
His slide show assembly for K-12 was awesome.”

- Jody Mouitz, President,
Faulkton School District, South Dakota.


9-12-69



RESUME

ONE MAN SHOWS: EXHIBIT HIGHLIGHTS

- **Tri-State Museum**, Belle Fourche, SD- 2014
- **Black Hills State University**, Spearfish, SD -2014
- **Challenger Space Center** - Peoria, AZ -2013
- **Complex Center** - Gillette,WY -2013
- **School of Mines and Tech** - Rapid City, SD - 2013
- **Termesphere Gallery** - Spearfish, SD -1992-Present
- **Lander Wyoming Library** - Lander,WY - 2011
- **Stan Adelstein & Lynda Clark Gallery** - Dahl Art Center; Rapid City, SD - 50 piece show - 2009
- **South Dakota Arts Council TOURING ARTS Grants** - Four to Six Termesphere Exhibits and workshops per year throughout South Dakota - 1992-2013
- **Warren M Lee Center of Fine Arts** - University of South Dakota,Vermilion, SD - 2008
- **Lamont Gallery** - Phillips Exeter Academy; Exeter, NH - 2006
- **Giclee Plus Gallery** - Sedona,AZ - 2006
- **Washington Pavilion** - Sioux Falls, SD - 2005-2006
- **Termespheres at Renaissance** - Bridges Conference + Coxeter Day; Banff, Canada - 2005
- **Octagon Art Center** - Ames, IA - 2005
- **Carlton College** - Northfield, MN - 2003

ONE MAN SHOW : CONTINUED >>>

- **Giacobbe-Fritz Fine Arts Gallery** - Santa Fe, NM - 2003
- **Missouri Western State College** - St. Joseph, MO - 2002
- **Evansville Museum** - Evansville, IN - 2002
- **University of South Alabama** - Mobile, AL - 2002
- **East Shore Art Center** - Fairhope, AL - 2002
- **California State University** - Bakersfield, CA - 2002
- **University of Wisconsin** - Eau Claire, WI - 2001
- **Grace Museum** - Abilene, TX - 2001
- **Burbank Creative Art Center** - Burbank, CA - 1999
- **University of Illinois, School of Architecture** - Urbana-Champaign, IL - 1993
- **Montana Moon Gallery** - Chicago, IL - 1989
- **Iowa State University** - Ames, IA - 1986
- **Charleston Heights Art Center** - Las Vegas, NV - 1986
- **Arizona State University** - Tempe, AZ - 1982
- **Bergdorf Goodman** - New York City, NY - 1981
- **University of the Pacific** - Stockton, CA - 1977

GROUP SHOWS: EXHIBIT HIGHLIGHTS

- **Governor Show** - South Dakota 2013
- **Joint Mathematics Meeting and Exhibits** - *Art Math show*; San Francisco, CA - 2010
- **Mathematiques and Art** - *Art and Mathematiques traveling show*; France 2006-2009
- **Tweed Museum of Art** - *Mathematical Instinct (traveling show; stops include Rutgers University in Camden NJ and the University Art Museum, University of Richmond VA)*; The University of Minnesota; Duluth MN - 2004
- **Sphere Museum** - Tokyo, Japan - 1994-2002
- **Extrasensory Museum** - *100 Year Anniversary of Escher Birth, traveling show*, Japan - 1998-2000
- **M.C. Escher's Centennial Congress** - University of Rome, Italy - 1998
- **Gallery on the Green** - Lexington, MA - 1989-1993
- **Fuller Museum** - Brockton, MA - 1990
- **San Francisco State University** - San Francisco, CA - 1990
- **University of Arizona** - Tucson, AZ - 1989
- **Montana Moon Gallery** - Chicago, IL - 1988-1989
- **Moravian College**, - Bethlehem, PA (with Escher) - 1987
- **Delaware Art Museum** - National Academy of Fantastic Art - 1987
- **Smithsonian-Air and Space Museum** - Washington D.C. - 1986
- **Otis Art Institute** - Los Angeles, CA - 1985
- **Indigenous Image Gallery** - Palm Desert, CA - 1984
- **Museum of Fun** - 15 cities, Japan - 1984

LECTURES AND WORKSHOPS: HIGHLIGHTS

- **Indian Education Summit** - Keynote speaker - 2014
- **Washington State Community College Mathematics Conference** - Keynote speaker - 2014
- **WSCC Mathematics Conference** - Keynote speaker - 2013
- **AIA Architects of South Dakota** - 2013
- **DODDS Europe Creative Connections** - Oberwesel, Germany - 2003-2012
- **Calif. Art Teachers Association** - Keynote speaker; Bakersfield, CA - 2011
- **National Math Conference** - Lexington, Kentucky 2011
- **Stan Adelstein and Lynda Clark Gallery, Dahl Art Center** - Rapid City, SD - 2009
- **South Dakota Arts Council TOURING ARTS Grants** - *Four to Six Termesphere Exhibits and workshops per year*; SD - 1992-2013
- **Warren M Lee Center of Fine Arts, USD** - Vermilion, SD - 2008
- **Keynote for 46th Northwest Mathematics Conference** - Bellevue, WA - 2007
- **Whatcom and Skagit Mathematics Partnership Workshop** - Bellingham WA - 2006
- **Phillips Exeter Academy** - Exeter, NH - 2006
- **Two days of workshops** - *in DODDs base schools* - Alconbury England - 2005
- **University of South Alabama** - Mobile, AL - 2002
- **University of Wisconsin** - Eau Claire, WI - 2001
- **AFNORTH International School** - Brunssum, The Netherlands - 2001
- **Mathematics and Art Symposium** - Maubeuge, France - 2000
- **Escher Congress, University of Rome** - Rome, Italy 1998
- **National Council of Teachers of Mathematics** - Minneapolis MN 1997
- **National Council of Teachers of Mathematics: Central Regional Conference** - Rapid City SD - 1996
- **School of Architecture, University of Illinois** - Champaign, IL - 1993
- **Art & Mathematics Conference, State University of New York** - Albany, NY - 1993-1997
- **Ecole des Beaux Arts** - Paris France - 1992
- **American Council on the Arts Panel** - Chicago IL - 1988
- **University of Kentucky** - Lexington, KY - 1983
- **In-service Instructor Mediterranean Region: American Art** - Barcis, Italy - 1982

ARTICLES: HIGHLIGHTS

- **ART OF THE HILLS** - 2011
- **MAKE Magazine** - 2009
- **FACES** - *cover story* - 2008
- **SCIENCE** - November 21, 2008

ARTICLES : CONTINUED >>>

- **Mathematics Teaching** - December, 2005
- **Mathematiques and Arts** - *societe Mathematique de France, Ministere de la Culture (French)* 2005
- **Perspectives** - *Quand le peintre (French)* pg 24-27 - 2005
- **SCIENCE NEWS**- December, 2004
- **Black Hills Arts Anchor** - December, 2004
- **Contemporary Art and the Mathematical Instinct:** Tweed Museum of Art U of M - Duluth, MN - 2003-2004
- **The Artist's Magazine** - October, 2003
- **University of Wyoming Alumni Magazine** - *cover story* - Vol.4 - 2003
- **Muse – Global Views** - *by Ivars Peterson*, 2002
- **Math Horizons** - *by Sandra Keith, published by Mathematical Association of America* - 2001
- **Sphere Magazine** - *Vol.7; Dick Termes and his World of Spheres; by Yuhkoh Morito; Japan* - 1994
- **Art and Man Scholastic Magazine on Escher** - 1992
- **The Arts** - 1990
- **Art Gallery International Magazine** - August 1989

TRAVELING EXHIBITS

- **Hands-On Partnership (HOP) for Science, Literature and Art** - *sponsored by the Discovery Center in Pierre South Dakota* -2011
- **Mathematiques and Art** - *Art and Mathematiques traveling show; France* 2006-2009
- **Mathematical Instinct Tweed Museum of Art:** *The University of Minnesota, Duluth MN*
Some of the tour stops include Rutgers University in Camden NJ and The University Art Museum, University of Richmond VA. 2004

SELECTED BOOKS WITH CHAPTERS ABOUT TERMES

- *The Art of Illusion* by Brad Honeycutt and Terry Stickels - pg. 210-13 - 2012
- *Viewpoint* by Frantz and Crannell - pg. 113-116 + two colored pages - 2011
- *Stephen Hawking, A Brief History of Time*, French Translation - Cover Art - 2009
- *Math and Art, An Introduction to Visual Mathematics* by Sasho Kalajdzaijevski - pg. 196-216 - 2008
- *125th Anniversary: Black Hills University* by Paul Higbee - pg 62, 68 - 2008
- *The Edge of the Universe. Celebrating Ten Years of Math Horizons* by Deanna Haunsperger and Stephen Kennedy - 2006
- *Transformations and Projections in Computer Graphics* by David Salomon - 2006 - (Dedicated to Dick Termes)
- *Masters of Deception* by Al Seckel - pg. 295-304 - 2004
- *M.C. Escher's Legacy* Edited by D. Schattschneider and M. Emmer - pg. 275-285, 305-307 - 2002
- *Mathematics and Art* Edited by Claude P. Bruter - pg. 173-177, 305-307 - 2002
- *More Optical Illusions* by Al Seckel - pg.63, 84-85 - 2002

BOOKS : CONTINUED >>>

- *Visualizing Linear Algebra with Maple* by Sandra Keith - pg. 83 - 2001
- *Malleable Matter/Stretchable Space* by Rochelle Newman, Termespheres - pg. 206-213 - 2000
- *Extrasensory Museum: Commemorating the 100th Anniversary of M.C. Escher's Birth* - pg. 50-51 - 1999
- *Homage to Escher* by Michele Emmer and Doris Schattschneider - pg 45-47
- *Psychological Perspectives* by Carl Jung Institute - 1996
- *Sphere Sphere Museum* - pg. 2-3 - 1994
- *Museum of Fun* by Itsuo Sakane - 1987
- *Illusies and Optische Fenomenen* by Samenstelling and Paul Baars. A daily calendar of illusions - 2010
- *Bridges Leeuwarden: Mathematical Connections in Art, Music, and Science* edited by Reza Sarhangi and Carlo Sequin by Termes - pg 363-368 - 2008
- *New Perspective Systems* by Dick Termes - 1998
- *The Visual Mind, Art and Mathematics* - Chapter 35 pg. 243-48 - 1993
- *Psychological Perspectives*, Carl Jung Institute - 1993
- *Leonardo*, MIT Press Volume 26 Number 3, Polyhedron Perspective: The Total Picture by Dick Termes - pg 254-1993
- *Leonardo*, Pergamon Press, Volume 24 Number 3, Six Point Perspective on the Sphere, by Dick Termes - pg 289-292 - 1991

AWARDS

- **South Dakota Hall of Fame Induction**, 2014
- **Dick Termes Day named** - Spearfish, SD - September 9th, 2014
- **Black Hills State University 125 Most Distinguished Alumni**, 2008
- **Spearfish High School Fine Arts Award** - Spearfish, SD - 2006
- **Rushmore Honors Award** - Rapid City, SD - 2006
- **Da Vinci Film Festival Spirit Award**, Documentary TERMESPHERES: TOTAL WORLDS by Cynthia Grey. - Da Vinci Film Festival - Corvallis, OR
- **Breckenridge Festival of Film**, Documentary TERMESPHERES: TOTAL WORLDS 2001
- **South Dakota Governor's Award for Distinction in Creative Achievement** - 1999
- **South Dakota Museum of Art- Artistic Achievement Citation** - 1986
- **South Dakota Arts Council Fellowship Grants** - 1976-80-84-94
- **Fellowship to Otis Art Institute**, Los Angeles, CA - 1969-71 for MFA

EXPERIENCE

- **Artist in the schools and Touring Arts**, S.D.Arts Council - 1973-2011
- **Creative Connections DODDs** - High School students - Oberwesel, Germany - 2003-10
- **Art Instructor at Black Hill State University** - 1971-2 plus three summers
- **Art Instructor at Sheridan WY High School and Elementary Supervisor in Art** - 1966-68
- **Art Instructor Henley Junior High and High School** - Klamath Falls, OR - 1964-66

SELECTED WEBSITES ON TERMESPHERES

- Dick Termes' personal website
- www.termespheres.com
- Dick Termes on Wikipedia
- http://en.wikipedia.org/wiki/Dick_Termes
- KELO TV coverage of 50 piece One Man Show show at the Dahl Art Center, Rapid City SD - 2009 -
- www.keloland.com/videoarchive/index.cfm?VideoFile=052609eye
- An article in Science News called Sphere Worlds by Ivars Peterson - 2009
- www.im-possible.info/english/art/various/dick-termes.html
- HOP (Hands-on Partnership) display based on Termes' work traveling SD schools and libraries
- www.hopsd.org/exhibits/termespheres/index.htm
- 76 videos on the Termesphere YouTube channel:
- www.youtube.com/user/dicktermes
- Blog by Rudy Rucker, Author, Mathematician, Scientist - Insights into Termes' art and environment from several visits to Termes' home and Gallery - 2008.
- www.rudyrucker.com/blog/2008/06/26/dick-termes-paints-on-spheres

EDUCATION

- **MFA** - Otis Art Institute of Los Angeles County, 1971
- **MA in Art** - University of Wyoming Laramie, 1969
- **BS Art Major** - Black Hills State University, 1964

