DICK TERMES
ART, MATH & SCIENCE
LECTURES, WORKSHOPS & SHOWS
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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.
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”
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.
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 Termsphere.

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

The ART
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
**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 Termosphere 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.
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.
“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.

| Length: | 1 Hour |
| Ideal Age Group: | Middle School and Up |
| Ideal Environment: | Meeting Room or Lecture Hall |

**OPTICAL ILLUSIONS LECTURE**

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.

| Length: | 1 Hour |
| Ideal Age Group: | Middle School and Up |
| Ideal Environment: | Meeting Room or Lecture Hall |

**TERMESPHERE VIDEO LECTURE**

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.

| Length: | 45-75 Minutes |
| Ideal Age Group: | 4th grade and up |
| Ideal Environment: | Meeting Room or Lecture Hall |
| Required Venue Equipment: | LCD Projector and Screen |
AVAILABLE WORKSHOPS

I-6 POINT PERSPECTIVE

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.

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

BASIC DRAWING

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.

Length: 1 to 4 Hours
Ideal Age Group: Middle School and Up
Ideal Environment: Classroom or similar set up
Supplies Provided by Termes: Pencils, Erasers, and Copy Paper
Additional Staffing Required: None
Attendance: Up to 30 students
3D INTERACTIVE STRUCTURES

LENGTH: 1 Hour
IDEAL AGE GROUP: 5th Grade and Up
IDEAL ENVIRONMENT: Classroom or similar set up
SUPPLIES PROVIDED BY TERMES: Magnetic tools and Examples of 3D Structures
REQUIRED VENUE EQUIPMENT: None
ADDITIONAL STAFFING REQUIRED: None
ATTENDANCE: Up to 30 Students

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: 1 Hour
IDEAL AGE GROUP: 5th Grade and Up
IDEAL ENVIRONMENT: Classroom or similar set up
SUPPLIES PROVIDED BY TERMES: Magnetic tools and Examples of 3D Structures
REQUIRED VENUE EQUIPMENT: None
ADDITIONAL STAFFING REQUIRED: None
ATTENDANCE: Up to 30 Students

This workshop is most useful if proceeded 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: 1 to 2 hours
IDEAL AGE GROUP: 4th Grade and Up
IDEAL ENVIRONMENT: Classroom or similar set up
SUPPLIES PROVIDED BY TERMES: Copy Paper, Pencils, and Erasers
REQUIRED VENUE EQUIPMENT: Copies of provided sheet
ADDITIONAL STAFFING REQUIRED: None
ATTENDANCE: Up to 30 Students

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: 1 Hour
IDEAL AGE GROUP: Middle School and up
IDEAL ENVIRONMENT: Classroom or similar set up
SUPPLIES PROVIDED BY TERMES: Student created large polyhedron provided for an additional fee
REQUIRED VENUE EQUIPMENT: Copies of provided sheet; copy machine
ADDITIONAL STAFFING REQUIRED: None
ATTENDANCE: Up to 30 Students

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.
ONE MAN SHOW: EXHIBIT HIGHLIGHTS

- **Tri-State Museum**, Belle Fourche, SD, December 2014
- **Black Hills State University**, Spearfish, SD, November 2014
- **Challenger Space Center**, Peoria, AZ, 2014
- **Campus Center**, Gillette, WY, 2013
- **School of Mines and Tech**, Rapid City, SD, 2013
- **Lander Wyoming Library**, Lander, WY, 2011
- **Stan Adelstein and Lynda Clark Gallery**, Rapid City, SD
- **South Dakota Arts Council Touring Arts Grants**, 1992-Present
- **Warren M Lee Center of Fine Arts**, University of South Dakota, Vermilion, SD, 2008
- **Lamont Gallery at the Phillips Exeter Academy**, Exeter, NH, 2006
- **Giclee Plus Gallery**, Sedona, AZ, 2006
- **Termespheres at Renaissance Banff (Canada) Bridges Conference + Coxeter Day**, Banff, AB, Canada, 2005
- **Octagon Art Center**, Ames, IA, 2005
- **Carlton College**, Northfield, MN, 2003
- **Giacobbe-Fritz Fine Arts Gallery**, Santa Fe, NM, 2003
- **Missouri Western State College**, St. Joseph, MO, 2002
- **Evansville Museum**, Evansville, IN, 2002

**ONE MAN SHOW: CONTINUED >>>**
RESUME

Dick Termes

2488.642.4805      www.termespheres.com

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, Pierre, SD, 2013
Joint Mathematics Meeting and Exhibits, San Francisco, CA, 2010
Mathematiques and Art, Art and Mathematiques traveling show throughout France, 2006 - 2009
Tweed Museum of Art, The University of Minnesota, Duluth, MN, traveling show: Rutgers University, Camden, NJ, University Art Museum, University of Richmond, VA, 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, With M.C. Escher, University of Rome, Rome Italy, 1998
Gallery on the Green, Lexington, MA, 1989 - 93
Fuller Museum, Brockton, Mass, 1990
San Francisco State University, San Francisco, CA, 1990
University of Arizona, Tucson, AZ, 1989
Montana Moon Gallery, Chicago, IL, 1988 - 1989
Moravian College, With M.C. Escher, Bethlehem, PA, 1987
Delaware Art Museum, Nat. Academy of Fantastic Art, Wilmington DE, 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, Japan (15 cities), 1984

LECTURES AND WORKSHOPS: HIGHLIGHTS

Keynote speaker, Indian Education Summit, Pierre, SD, 2014
Marshal University, Termesphere Gallery, Spearfish, SD, 2011 - 2014
Dahl Arts Center, Rapid City, SD, 2014
• **AIA Architects of South Dakota**, Rapid City, SD, 2012, Sioux Falls, SD, 2013
• **DODDS Europe Creative Connections**, Oberwesel, Germany, 2003 - 2012
• Keynote speaker, **CA Art Teachers Association**, Bakersfield, CA, 2011
• **National Math Conference**, Lexington, KY, 2011
• **Stan Adelstein and Lynda Clark Gallery**, Dahl Art Center, Rapid City, SD, 2009
• **South Dakota Arts Council Touring Arts Grants**, 1992 - Present
• **Warren M Lee Center of Fine Arts**, Vermillion, SD, 2008
• Keynote Speaker, **46th Northwest Mathematics Conference**, Bellevue, Washington, 2007
• **Western Washington University for Whatcom and Skagit Mathematics Partnership Workshop**, Bellingham, WA, 2006
• **Phillips Exeter Academy**, Exeter, NH, 2006
• **Alconbury England**, DODDS schools, 2005
• **University of South Alabama**, Mobile, AL, 2002
• **University of Wisconsin**, Eau Claire, WI, 2001
• **AFNORTH International School**, Brunssum, 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**, Rapid City, SD, 1996
• **School of Architecture**, University of Illinois, Urbana/Champaign, IL, 1993
• **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

内科：继续>>
ARTICLES: HIGHLIGHTS

- **ART OF THE HILLS**, 2011
- Illusions Optische Fenomenemem Calendars, Optical Illusions by Termes, 2010 - 2011
- MAKE magazine, 2009
- FACES Magazine cover story Spring, 2008
- SCIENCE Magazine, 2008
- 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
- Black Hills Arts Anchor, December, 2004, pg. 8 - 9
- Contemporary Art and the Mathematical Instinct, Tweed Museum of Art University of Minnesota - Duluth, MN, 2003 - 2004
- The Artist's Magazine, October, 2003
- University of Wyoming Alumni Magazine Cover Story, 2003
- Muse – Global Views by Ivars Peterson, 2002
- Math Horizons, Mathematical Association of America, September by Sandra Keith, 2001
- Sphere Magazine, 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, Aug. 1989

TRAVELING EXHIBITS

- Hands –On Partnership (HOP) for Science, Literature and Art sponsored by the Discovery Center, an interactive traveling educational center created by Termes encouraging hands on exploration of concepts related to his Termes’ work, touring libraries and schools in South Dakota, 2011 - Present
- Mathematiques and Art – Art and Mathematiques traveling show throughout France, 2006 - 2009
- Mathematical Instinct Tweed Museum of Art, The University of Minnesota, Duluth Minnesota traveling show, Mathematical Instinct. Some of the tour stops include Rutgers University in Camden NJ and the University Art Museum, University of Richmond VA, 2004

BOOKS AND DVDS BY TERMES

- Basic Elements of Drawing, DVD, 2014
- Drawing the Whole Picture, Companion DVD to New Perspective Systems, 2010
- Geometries Around Us, DVD, 2008
- Spherical Thinking, DVD, 2005
- New Perspective Systems, Seeing the Total Picture. One Through Six Point Perspective, 1998

BOOKS WITH CHAPTERS BY TERMES


BOOKS : CONTINUED >>>


**BOOKS WITH CHAPTERS ABOUT TERMES**

• *The Art of Illusion* by Brad Honeycutt and Terry Stichels page 210 - 13

• *Viewpoint* by Frantz and Crannell 113 - 116 + two colored pages, 2011

• *Cover art, A Brief History of Time by Stephen Hawking (French Translation), The Big Bang Termesphere, 2009*

• *Math and Art, An Introduction to Visual Mathematics* by Sasho Kalajdzievski 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, Deanna Haunsperger and Stephen Kennedy; Editors. Mathematical Association of America, 2006*

• *Transformations and Projections in Computer Graphics* by David Salomon; Dedicated to Dick Termes, 2006

• *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

• *Visualizing Linear Algebra with Maple* by Sandra Keith, pg. 83, 2001


• *Extrasensory Museum: Commemorating the 100th Anniversary of M.C. Escher’s Birth* released in Japan, pg. 50 - 51, 1999

• *Homage to Escher* by Michele Emmer and Doris Schattschneider, pg. 45-47, 2000

• *Psychological Perspectives*, Carl Jung Institute, 1992, 1993,1996

• *Sphere Sphere Museum*, pg 2 - 3, 1994

• *Museum of Fun* by Itsuo Sakane, Japan 1987

• *Illusies and Optische Fenomenen* by Samenstelling and Paul Baars, 365 days of optical illusions calendar, 2010, 2011

**AWARDS**

• *South Dakota Hall of Fame Induction*, Chamberlain, SD, 2014

• *Dick Termes Day*, Spearfish, SD, 2014

• *Black Hills State University 125 Most Distinguished Alumni*, Spearfish, SD, 2008

• *Spearfish High School Fine Arts Hall of Fame Award*, Spearfish, SD, 2006

• *Rushmore Honors Award*, Rapid City, SD, 2006

• *Da Vinci Film Festival Spirit Award*, Documentary *Termespheres: Total Worlds*, Da Vinci Film Festival Corvallis, OR
• Breckenridge Festival of Film, Documentary Termespheres: Total Worlds, 2001
• Governor’s Award for Distinction in Creative Achievement, Pierre, SD, 1999
• S.D. Museum of Art- Artistic Achievement Citation, Brookings, SD, 1986
• Four South Dakota Arts Council Fellowship Grants, 1976, 80, 84, 94
• Three Semesters Fellowship Otis Art Institute resulting in MFA, Los Angeles, CA, 1969 - 71

EXPERIENCE
• Artist in the schools and Touring Arts, S.D. Arts Council, 1973 - Present
• Creative Connections DODDs - Creative Art Camp for selected military High School students, Oberwesel Germany, 2003 - 10
• Art Instructor at Black Hill State University, Spearfish, SD, 1971 - 72, plus three summers
• High School and Elementary Art Supervisor, Sheridan, WY, 1966 - 68
• Art Instructor Henley Junior High and High School, Klamath Falls, OR, 1964 - 66

SELECTED WEBSITES ON TERMESPHERES
• Dick Termes’ website
  http://www.Termespheres.com
• KELO TV coverage of 50 piece One Man Show, Dahl Art Center, Rapid City, SD, 2009
• “Sphere Worlds” An article in Science News by Ivars Peterson, 2009
  http://im-possible.info/english/art/various/dick-termes.html
• HOP (Hands-on Partnership) display based on Termes’ work traveling SD schools and libraries
  http://www.hopsd.org/exhibits/termespheres/index.htm
• “Insights into Termes’ art and environment from several visits to Termes’ home and Gallery”
  Blog by Rudy Rucker, Author, Mathematician, Scientist, 2008
  http://www.rudyrucker.com/blog/2008/06/26/dick-termes-paints-on-spheres

EDUCATION
• MFA Otis Art Institute, Los Angeles County, CA, 1971
• MA in Art University of Wyoming, Laramie, WY, 1969
• BS in Art, Black Hills State University, Spearfish, SD, 1964