Course 4: Geometry and Tactile Graphics for Students in Grades 3-8

Resource List

This document was updated 9-27-2022. We encourage you to do a search if a link is broken.

Online Resources to Assist You in Preparing Tactile Graphics

- APH Tactile Graphics Image Library
  https://imagelibrary.aph.org/portals/aphb/#login
- QuickTac https://duxburysystems.com/quicktac.asp
- Swell Braille Font
  https://www.ffonts.net/Swell-Braille.font.download
- Tactile Graphics Website (Lucia Hasty) http://tactilegraphics.org/

BANA Guidelines

- Guidelines and Standards for Tactile Graphics, 2010
  http://www.brailleauthority.org/tg/
- Guidelines and Standards for Tactile Graphics, 2010, Supplement

Webinars

- Explore and Use the Tactile Graphic Image Library
  https://www.youtube.com/watch?v=iP-JqFEVDMw&list=PLUj6DcM1nN3ETBrf17n6IKIxSihSU-gx0&index=68
- STEM Skills Using AnimalWatch Products
  https://www.youtube.com/watch?v=2G_jIFiISUg&list=PLUj6DcM1nN3ETBrf17n6IKIxSihSU-gx0&index=66
- Teaching Tactile Graphics by Lucia Hasty
  https://www.perkinselearning.org/videos/webcast/teaching-tactile-graphics
iOS Apps

- AnimalWatch Vi Suite
  https://www.aph.org/product/animalwatch-vi-suite-for-ipad/
- AnimalWatch VI Graphics Literacy
  https://www.aph.org/product/animalwatch-vi-building-graphics-literacy-for-ipad/
- Draw2Measure Protractor App
  https://www.aph.org/product/draw2measure-protractor-app-for-ios-devices-free-app/

Tactile Drawing

- Tactile Drawing (post on Paths to Literacy)
  https://www.pathstoliteracy.org/users/edith-west

Compasses

- Geometric Set in Braille
  https://www.maxiaids.com/geometric-set-in-braille-perfect-for-students
- Rubber-tipped compass – 3D printer files to produce the version from Fiskars that is no longer available. This version holds the stylus tool from the Draftsman
  https://www.dropbox.com/sh/hchsfteajptsgmy/AACUAeY4t01r6yg8BHwH0zDza?dl=0
- Tactile compass for math and art (beam compass) (1-08894-00)
  https://www.aph.org/product/tactile-compass-for-math-and-art/

Drawing Boards

- Clipboard with foam paper on it
- Draftsman (1-08857-00)
  https://www.aph.org/product/draftsman-tactile-drawing-board/
- inTACT Drawing Board
  www.easytactilegraphics.com
- Rubber pad (1-03620-00)
  https://www.aph.org/product/swail-dot-inverter-rubber-pad/
- Sewell Raised Line Drawing Kit
  https://www.maxiaids.com/raised-line-drawing-kit
- Tactile Doodle (1-08824-00)
  https://www.aph.org/product/tactiledoodle-kit/
Hands-On Products

- Braille-Large Print Protractor (1-04115-00) 
  https://www.aph.org/product/braille-large-print-protractor/
- Geometro Mini Set (1-03022-00) 
  https://www.aph.org/product/geometro-gs16-mini-set/
- Geometro Medium Set (1-03023-00) 
  https://www.aph.org/product/geometro-gs22-medium-set/
- Geometro Large Set (1-03024-00) 
  https://www.aph.org/product/geometro-gs56-large-set/
- Geometro GS10 Cylinder and Cone (1-03030-00) 
- Geometro: Hook Material Rods, 3-pack (1-03027-00) 
  https://www.aph.org/product/geometro-hook-material-rods-3-pack/
- Geometro: Isosceles Triangles, 6-pack (1-03029-00) 
  https://www.aph.org/product/geometro-isosceles-triangles-6-pack/
- Geometro: Rectangles, 6-pack (1-03028-00) 
  https://www.aph.org/product/geometro-rectangles-6-pack/
- Geometro: Student Workbook Kit (1-03021-00) 
  https://www.aph.org/product/geometro-student-workbook-kit/
- Geometry Tactile Graphics Kit (1-08841-00) 
  https://www.aph.org/product/geometry-tactile-graphics-kit/
- Graphic Aid for Mathematics (1-00460-00) 
- Hands-on System for Learning Three-Dimensional Geometry 
  www.geometro.net
- MathBuilders, Unit 6: Geometry, Large Print Kit, includes Teacher’s Guide in print and student materials in braille (7-03563-00) The Teacher’s Guide in braille is item 5-03563-00 
  https://www.aph.org/product/mathbuilders-unit-6-geometry-large-print-kit-includes-teachers-guide-in-print/
- Math Window – Geometry – Nemeth 
- Omnifix Cubes www.didax.com
- Picture Maker Geometric Textured Shapes (1-08838-01) 
  https://www.aph.org/product/picture-maker-geometric-textured-shapes/
- Picture Maker Wheatley Tactile Diagramming Kit (1-08838-00) 
  https://www.aph.org/product/picture-maker-wheatley-tactile-diagramming-kit/
Collage Materials

- Adhesive dots
- Braillable Labels, Pin-Fed Label Sheets: 8.5 x 11 Inches, 30 Continuous Sheets (1-08875-00)  
  https://www.aph.org/product/braillable-labels-pin-fed-label-sheets-8-5-x-11-inches-30-continuous-sheets/
- Bump dots
- Beads or buttons
- Brass fasteners (office supplies)
- Carousel of Textures or Textured Paper Collection (1-08863-00)  
  https://www.aph.org/product/feel-n-peel-sheets-carousel-of-textures/
- Feel n’ Peel Sheets, Carousel of Textures II (1-08897-00)  
  https://www.aph.org/product/feel-n-peel-sheets-carousel-of-textures-ii/
- Feel ’n Peel Stickers (variety of different types from APH)
- Felt and felt pads
- Foam sheets or pieces
- Graph Benders (1-03400-00)  
  https://www.aph.org/product/graph-benders/
- Graphic Art Tape (1-08878-00)  
  https://www.aph.org/product/graphic-art-tape/
- Graph Paper (variety of types from APH)
- Hot glue gun
- Quick Draw Paper (1-04960-00)  
  https://www.aph.org/product/quick-draw-paper/
- Magnetic strips
- Paper punch
- Plastic mesh or screen board
- Pompoms
- Scented markers
- Sewing or tracing wheel
- Snaps (sewing supplies)
- Tactile dots from Exceptional Teaching  
  http://exceptionalteaching.com/compare/281/237/139
• Tactile dots from Maxi-Aids [https://www.maxiaids.com/braille-tactile-voice-markers](https://www.maxiaids.com/braille-tactile-voice-markers)
• Tactile Graphics Kit (1-08851-00) [https://www.aph.org/product/tactile-graphics-kit/](https://www.aph.org/product/tactile-graphics-kit/)
• Velcro
• Wikki Stix [https://www.wikkistix.com/](https://www.wikkistix.com/)
• Yarn or string