



Raised Lines Foundation

a non-profit company, incubated out of IIT Delhi, India

PRODUCT CATALOGUE

AFFORDABLE TACTILE SOLUTIONS
FOR VISUALLY IMPAIRED



About Us

Raised Lines Foundation (RLF) is a nonprofit organization that **develops tactile diagrams and educational tools for visually impaired(VI) students**. Approximately 7 million VI students lack access to quality education due to the unavailability of accessible material, especially diagrams. To address this, we started producing high-quality, affordable, and accessible educational resources that foster inclusive learning environments. From tactile diagrams and books to innovative teaching aids, we are committed to empowering visually impaired learners and transforming the educational landscape, ensuring inclusion in true sense.

25,000+ beneficiaries worldwide have benefitted from our Tactile Resources



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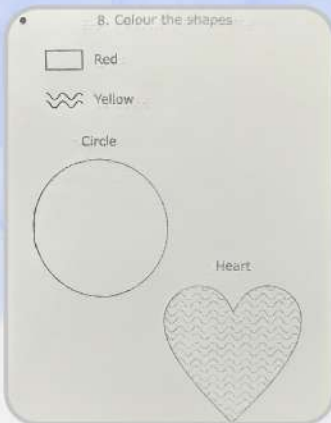
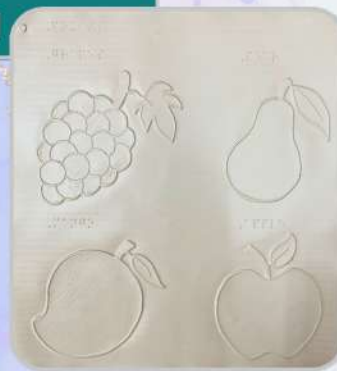




All in One

A book with tactile illustration of *alphabets, numbers, fruits, vegetables, birds and animals* with content description in print as well as Braille.

(\$ 15)

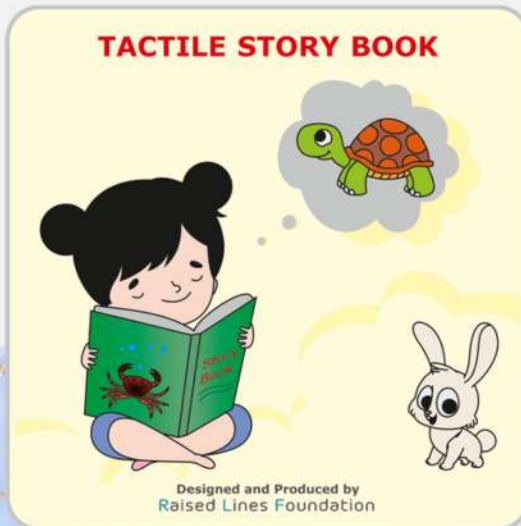


Fun and Learn with Colours

A set of 22 *coloring sheets* that includes variety of tactile drawings. They are embossed and printed to ensure that each drawing is accessible for students with blindness as well as low-vision. It aims at *improving the fine motor skills* and tactile perception of the students.

(\$ 4)



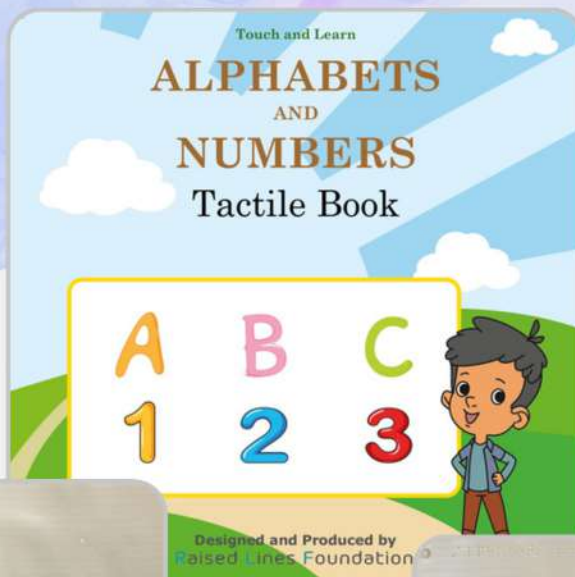
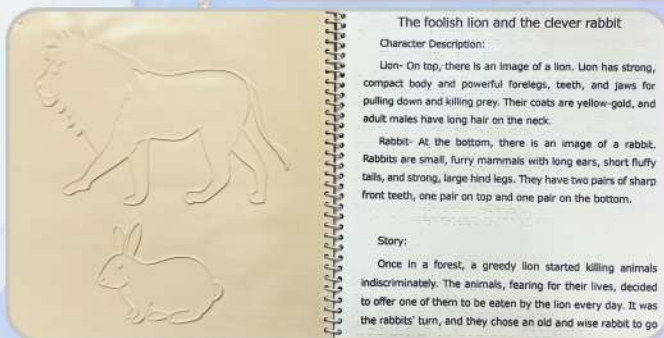


Tactile Story Book

This book features *10 short stories*, each accompanied by a *tactile picture of the main characters and important objects*, followed by a descriptive passage and the actual story *written in print as well as Braille*.

The storybook is available in 6 languages: English, Hindi, Bengali, Marathi, Tamil, and Telugu.

₹ 10



Alphabets & Numbers

This book focuses on the English alphabets' and numbers' tactile representation each labelled in braille.

₹ 10



Tactile Map Book

It is developed to familiarize every student with the maps of the Indian subcontinent. It includes physical map, political map- states, rivers of India, neighbouring countries, & world map. Objects in the map are labelled in Braille along with appropriate keys. International and state boundaries, water bodies etc. are provided distinct textures for easy identification and recognition.

₹ 9

Learning with Tactile Graphics

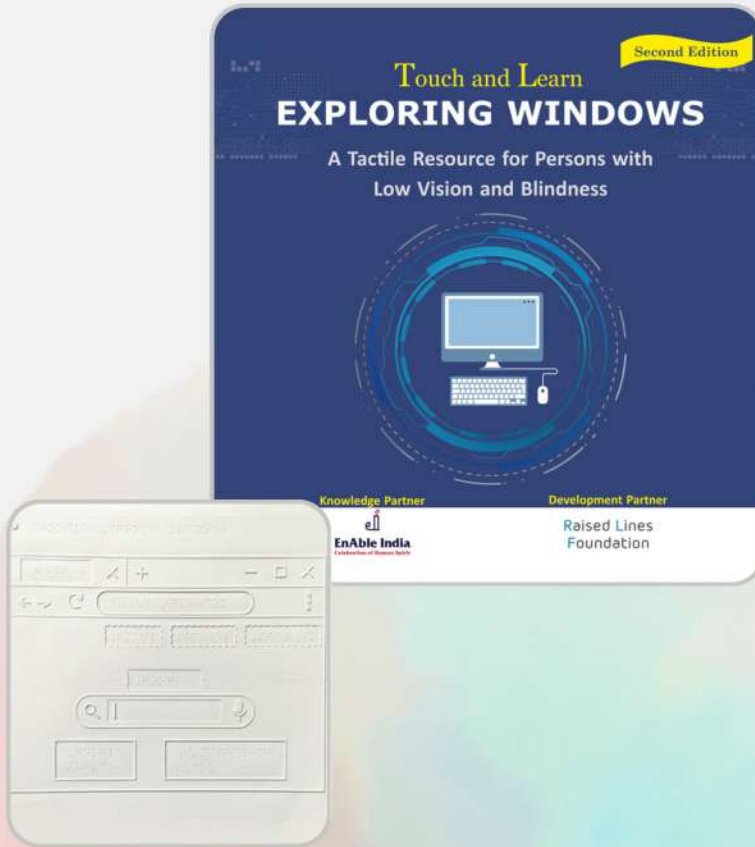
Learn the shapes of English alphabets (capital and small), numbers, basic shapes, fruits, vegetables, elements of nature, means of transport, festive objects and emoticons.

₹ 14



YouTube





Exploring Windows

Exploring Windows facilitates computer learning for visually impaired individuals. It familiarizes them with *concepts of desktop, menus, user interface elements, dialog box, file explorer, web browser, and special symbols* (like an exclamation, forward, backward slash, etc.). These tactile diagrams create a mental link between screen reader audio feedback and computer screen layout.

\$ 19



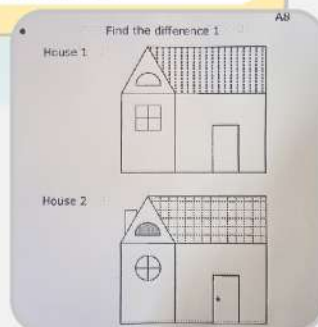
YouTube




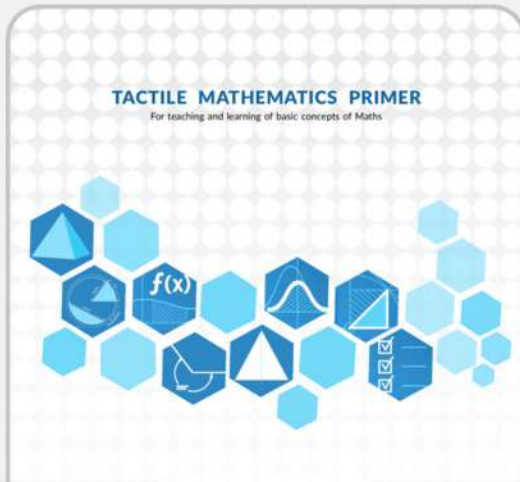
Activities Module

This module is packed with 25 intriguing tactile activities, such as *mazes, word searches, spotting differences*, and more, to develop essential skills like problem-solving and logical reasoning.

\$ 5



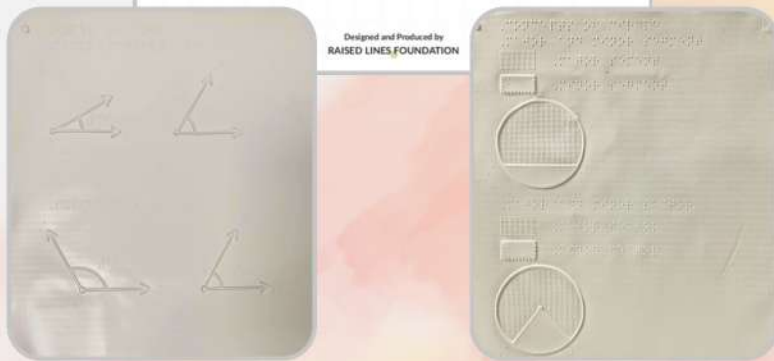
To order  rlf_sales@raisedlines.org



Tactile Mathematics Primer

Learn fundamental concepts of Mathematics like *shapes, lines, angles, polygons, radius, arcs, chords, tangents*, etc. with tactile diagrams.

\$ 14



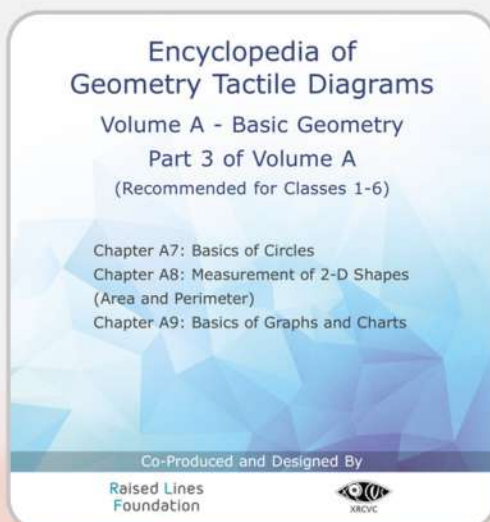
DIY Tactile Kit for Graphs

Our DIY tactile graph kit enables visually challenged students to *learn, create, and use graphs for depicting data*. It is an effective medium for understanding the various representations and analyses of data which will help them throughout their education.

\$ 10

with 20 tactile graph sheets



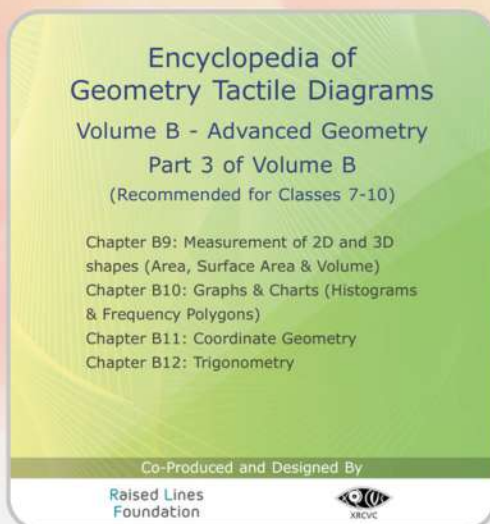


Encyclopedia of Geometry Tactile Diagrams (Volume A)

This kit covers *geometry concepts* learnt in *classes 1st - 6th*. It includes concepts of *points, lines, 2D shapes, angles, triangles, quadrilaterals, circles, graphs, and charts*, their types and construction. Volume A is divided into 3 parts.

₹ 75

Also available in Hindi

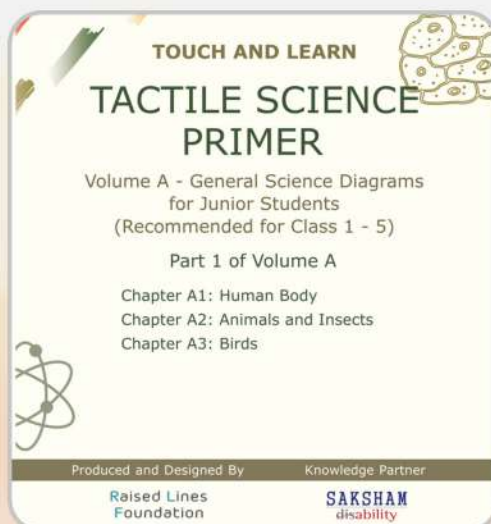


Encyclopedia of Geometry Tactile Diagrams (Volume B)

This kit covers *geometry concepts* taught to *classes 7th - 10th*. Detailed diagrams are available for *lines, angles, triangles* (theorems and properties), *polygons, circles* (theorems), *geometry, and trigonometry*. Volume B is divided into 3 parts.

₹ 84

Also available in Hindi

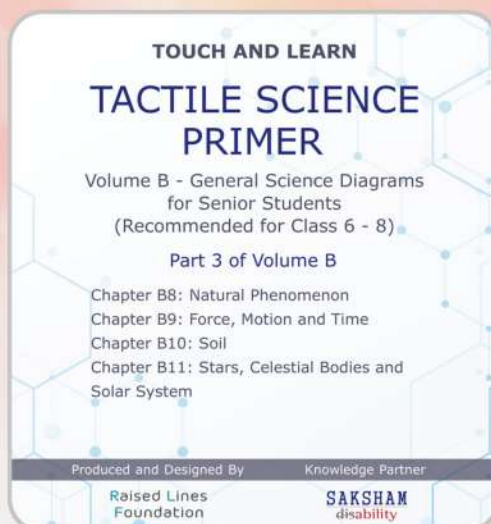


Tactile Science Primer (Volume A)

A collection of tactile diagrams explaining concepts related to general science taught to *classes 1st to 5th*. It has concepts of the *human body, plants, animals, solar system, air, water, clothing, housing, and nature*. Volume A is divided into 3 parts.

₹ 61

Also available in Hindi

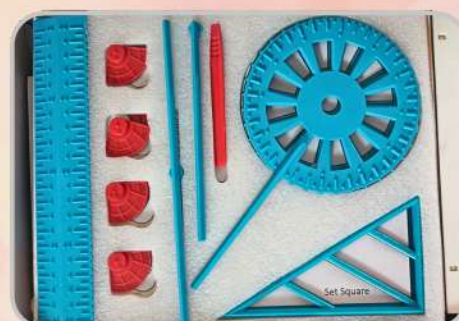
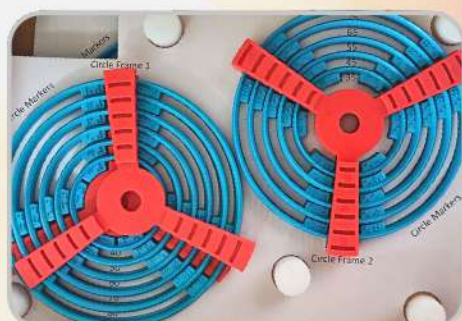
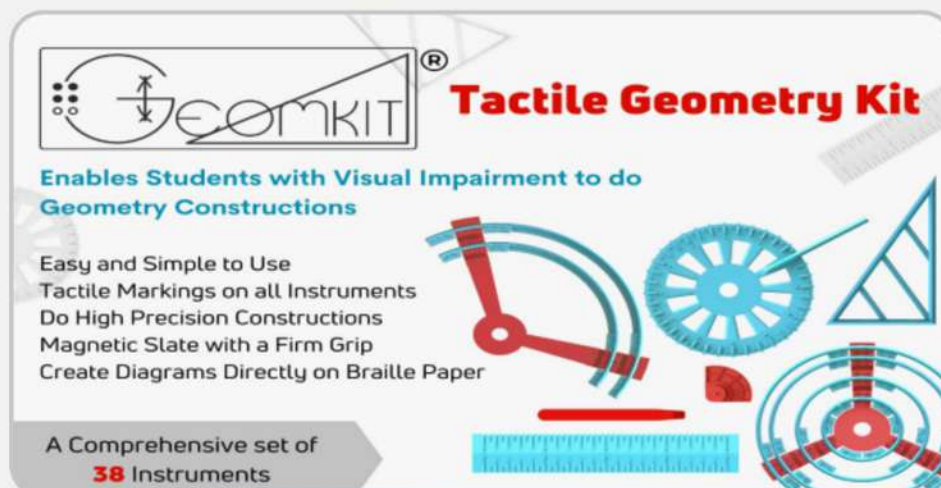


Tactile Science Primer (Volume B)

A tactile diagram collection explaining physics, chemistry and biology concepts for VI students of *classes 6th to 8th*. It has concepts of *light, friction, circuits, respiration, reproduction, periodic table, carbon compounds, atoms, etc.* Volume B is divided into 3 parts.

₹ 88

Also available in Hindi



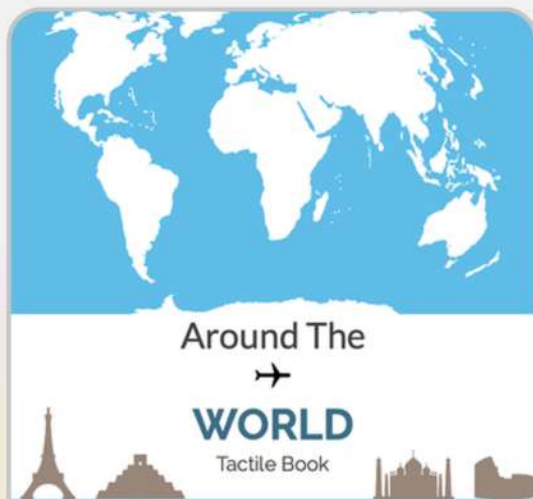
Tactile Geometry Kit

It is a comprehensive set of accessible tools and accessories required for tactile geometry constructions on a standard Braille paper. With GEOMKIT, a student with visual impairment can easily construct geometrical constructions independently. It is tested for all the geometrical constructions required from classes 4th to 10th.

₹ 51

It includes 38 components:

- Tactile slate - A4 size
- Point markers - 6 Pcs
- Line markers - 21cm and 15 cm
- Ruler - 20 cm
- Protractor - 360° angle construction
- Set square frame - 30-60-90 angle
- Wheels and arcs - 30 mm to 120 mm radius
- Tactile stylus - 2 Pcs
- Braille A4 sheets - 10 Qty

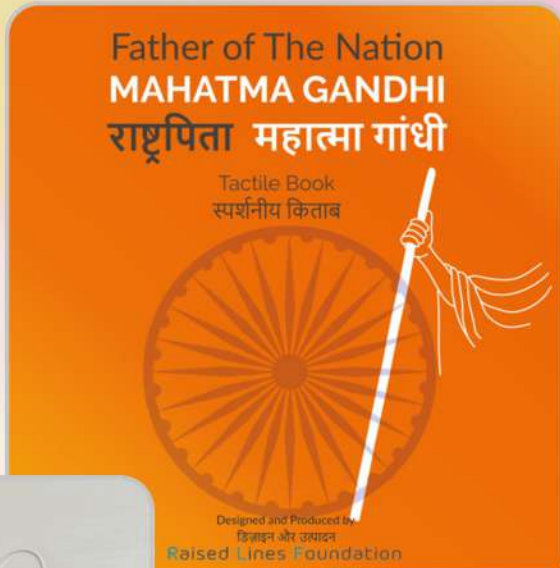


Around the World

Explore 10 iconic monuments from all over the world through their tactile representation.

A description of each memorial is added in Braille and large print.

₹ 10



Father of the Nation Mahatma Gandhi

Mahatma Gandhi's life and work are specifically discussed in this book through tactile illustrations.

The text is written in large print and Braille.

₹ 8





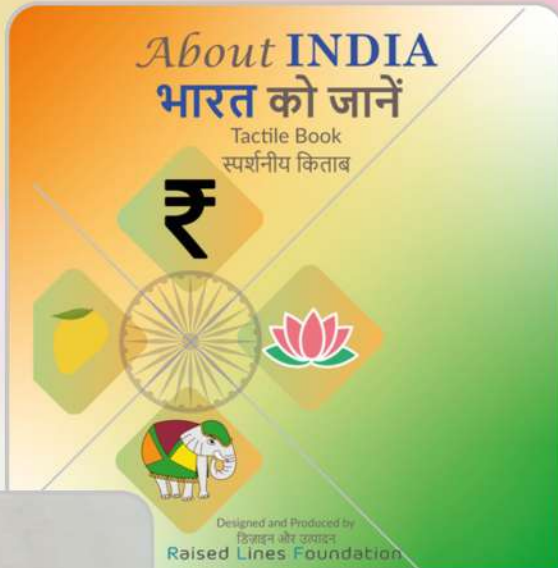
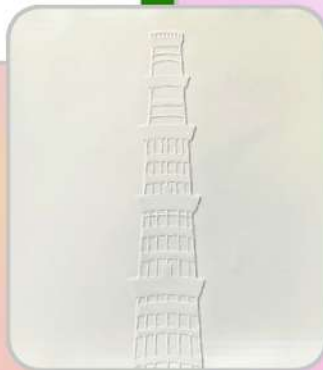
Incredible India

This tactile book presents India's iconic monuments like *Charminar*, *India Gate*, *Red Fort*, and more through raised images, with descriptions in Braille and large print in both English and Hindi for accessibility.

₹ 10



RAISED LINES FOUNDATION
रेफ़्ड लाइन्स फाउन्डेसन

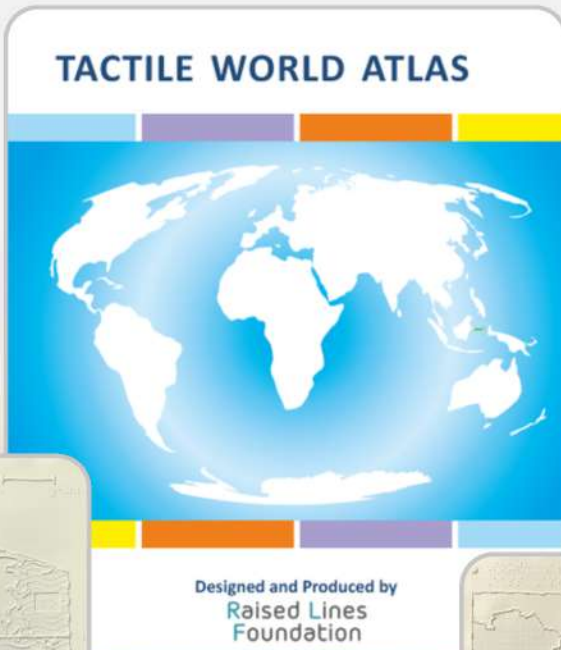


About India

This tactile book offers accessible representations of India's national symbols, including the flag, bird, animal, and more, with Braille and large print in English and Hindi. It also includes the national anthem and national song.

₹ 10





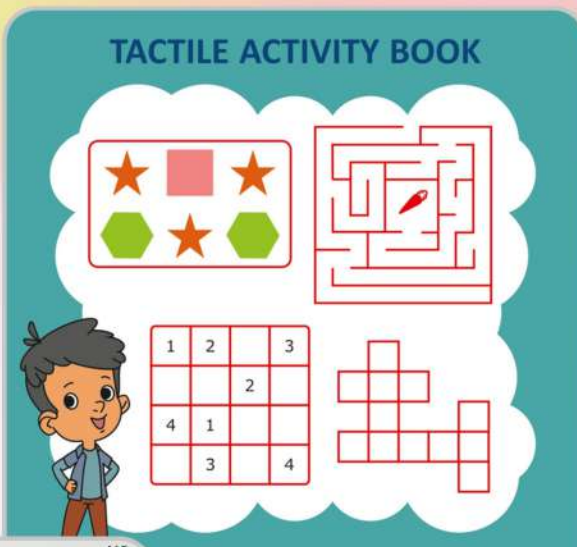
Tactile World Atlas

Explore *continents and countries* around the world with Braille labelled tactile representations

Ⓢ 16



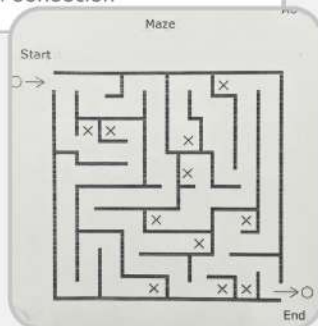
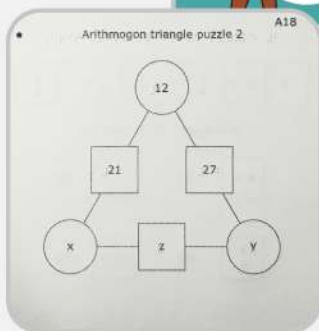
YouTube



Tactile Activity Book

This book features a variety of interactive challenges, such as *follow-the-path, mazes, match-up puzzles, counting puzzles, find the difference, crossword, and mathematical puzzles*. This book promises to be a valuable resource for students' overall growth and learning experience.

Ⓢ 12

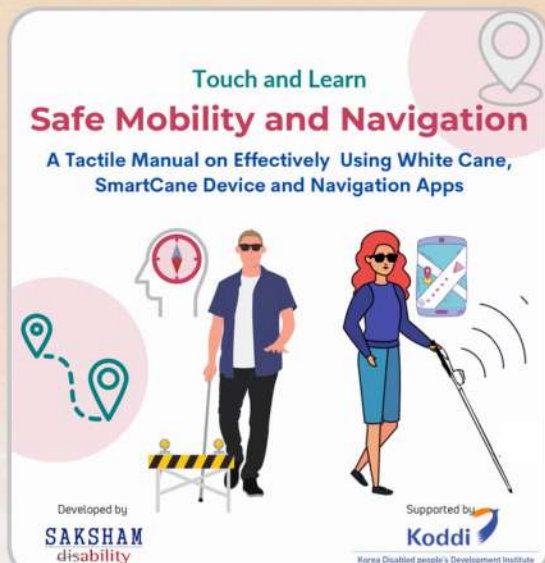




Tactile Computer Learning Book

Easy to understand screen layouts for Windows desktop and computer applications like *Microsoft Word, Excel and Powerpoint* with simple tactile representations.

(\$ 12)



Safe Mobility & Navigation

This manual introduces the *basic concepts of orientation* such as *understanding of directions, types of routes, crossing etc.* It contains tactile diagrams of cane holding and usage techniques. It also covers the *basic features of Google Maps, Lazarillo, Moovit, and Uber.*

(\$ 12)





Using Smartphone with Talk Back

This self-learning manual is a *step-by-step guide for effectively using smartphones with talkback screen readers* that help visually impaired persons to communicate, read and write. *It has simple tasks and instructions for using different gestures, making the overall experience interactive.*

₹ 32



Menstrual Hygiene Management

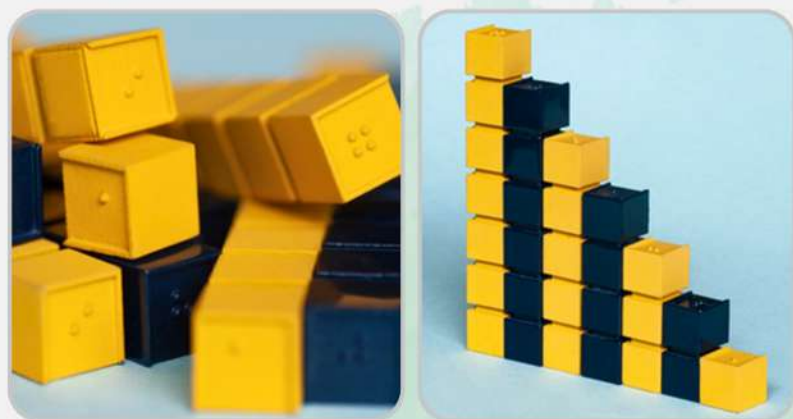
Developed with UN organisation

This manual contains tactile representations to ensure that visually impaired girls and women can know their bodies, *understand why they menstruate and how to manage their period safely with pride and dignity.*

₹ 13

Also available in Hindi





JOJO Blocks

Developed with Microsoft

A set of 152 tactile playing rectangular blocks each represents a number from one to twelve, where the block's length increases with the block number. This set of blocks is intended for children with vision impairments to *learn numbers, counting, and numeracy while engaging in a creative and playful experience.*

(\$ 51)

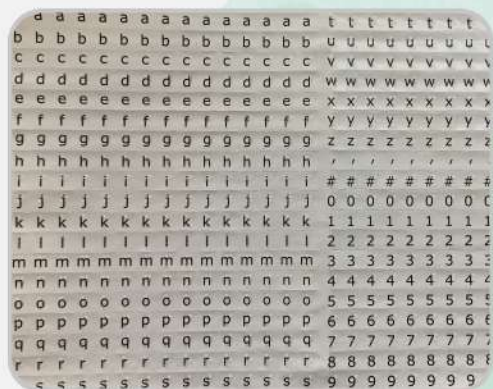


number and suit in braille

Braille Playing Cards

A complete deck of 52 cards with printed sides which includes the numbers and the suit in Braille.

(\$ 3)



Alphabets & Numbers Braille Stickers

This tactile *sticker sheet* contains 38 characters, including A to Z and 0 to 9, with 15 copies of each character. These stickers are used for labeling to help identify objects easily. It comes in a set of **10** sticker sheets.

₹ 11



Shape Scape

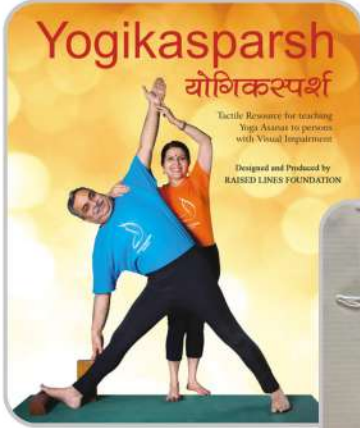
Developed with NCAHT, IIT Delhi

A DIY kit for *creating 3D shapes from their 2D drawings*. The kit helps children to understand concepts of basic shapes, their properties, and how to construct them in a playful way. This kit *contains 11 2D templates of 3D shapes with an instruction manual* in large print and braille. It enhances spatial reasoning, problem-solving skills, pattern recognition, etc.

₹ 14

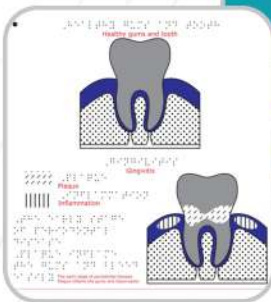
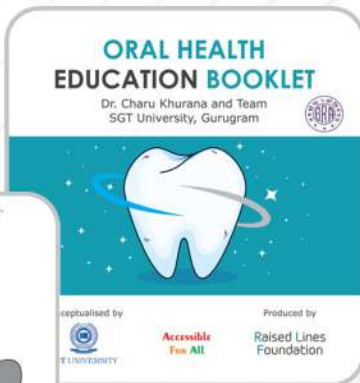
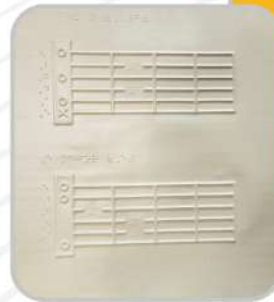
Custom Projects by RLF

Designed as per your requirement



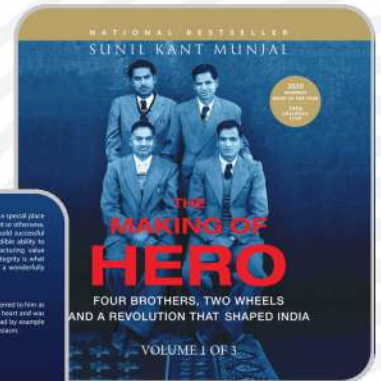
Tactile Yoga Book

Tactile Guitar Book



Tactile Dental Manual

Inclusive Biography/Novel for blind & sighted persons



Custom Projects by RLF

Designed as per your requirement

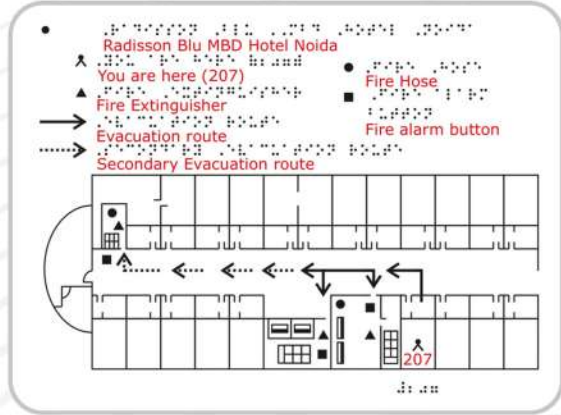
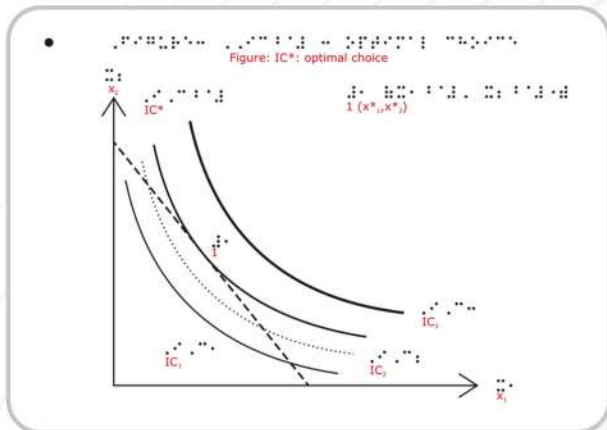


Henry Hühnchen
Lass mich euch die Geschichte von Henry Hühnchen erzählen. Henry Hühnchen lebt in einem ganz normalen kleinen Hühnerstall in einem ganz normalen Dorf.
Er ist weder groß noch klein. Er ist weder dick noch dünn. Er ist weder schlau noch dumm. Henry Hühnchen ist ein ganz normales Huhn.
In einem ganz normalen Morgenland Henry Hühnchen in der Küche sein Frühstück. Er mag Toast mit Butter und Kaffee mit Sahne.
Er liest die Nachrichten im Internet. Dann geht er eine herrliche Nachricht mit einer fantastischen Überschrift. Sie lautet: „Der Himmel stürzt ein!“
Henry hat so viel Angst, dass er seinen Toast in den Kaffee fallen lässt. Plötzlich!
„Der Himmel stürzt ein! DER HIMMEL STÜRZT EIN!“, ruft Henry aus. „Ich muss alle rennen!“
Als erstes schickt er eine E-Mail an seine tausend engsten Freunde. Dann rennt er die Straße hinunter, um alle anderen zu warnen.
Die erste Person, die er auf der Straße trifft, ist Hans Hase. Sie kennt nur das Supermarkt.



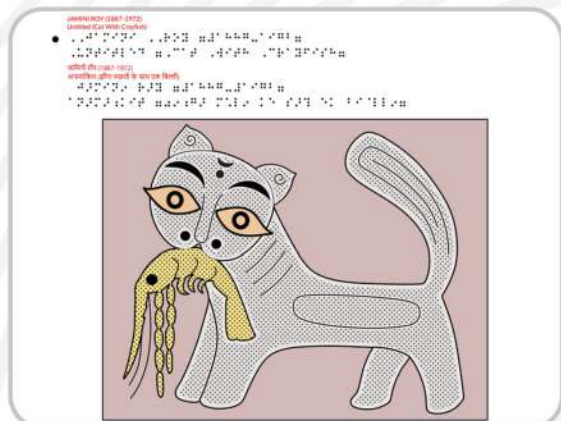
Custom Language Story Book

Indoor Floor Plans



Custom Math Diagram

Accessible Artwork & Paintings



Tactile Graphics Design & Services

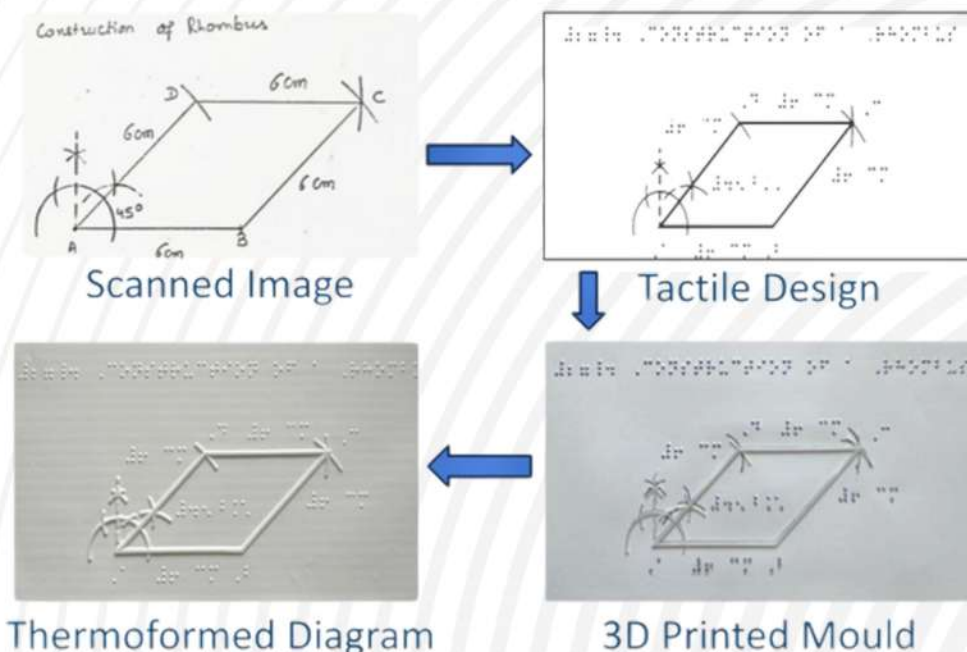
Raised Lines Foundation is a pioneer in tactile graphics design, offering a wide range of services to meet the needs of the visually impaired community. From maps and diagrams to books and educational materials, we offer a comprehensive range of tactile graphics services.

We have a team of 14 members with **6+ years of experience** creating tactile diagrams. We have **produced over 10,000 diagrams with multiple technologies** like Braille embossed, Thermoforming, UV printing, Deposition printing, and Swell based printing.

What we do:

- Text and reference books for state boards, schools, colleges, and universities.
- Concept-based tactile books for different subjects.
- Customized tactile diagrams for computers, smartphones, musical instruments, etc.
- Layouts, floor Plans, and campus plans.
- Story books for children.
- Customized maps for outdoor and indoor navigation.
- Tactile greeting cards for various occasions.
- Capacity building workshops on how to create tactile diagrams.

Creation of Tactile Diagrams



Custom High-Quality Colored Tactile Products

Elevate accessibility with our **premium colored tactile products**, designed to provide a visual and tactile reading experience. We specialize in producing tactile solutions on **various materials including paper, plastics, and cloth, tailored to meet your specific needs.**

- Braille Visiting Cards
- Tactile Greeting Cards
- Tactile Sceneries and Portraits
- Braille and Tactile Signages
- Tactile Floor Plans
- Tactile Flash Cards
- Tactile Stickers
- Tactile Posters



Touch Learn & Shine Program

The TLS program **focuses on providing accessible tactile resources to visually impaired students across India through donations, grants and CSR.** Through this program, we engage with schools, understand their requirement and provide resources along with training to ensure adoption. Through this program, we want to empower schools and students to pursue subjects and careers of choice without any limitations.

6500+ students

800+ teachers

100+ schools



Raised Lines Foundation

If you wish to **buy** our assistive tactile solutions, **scan the code** or mail us at rlf_sales@raisedlines.org



For **CSR** and **Philanthropy** initiatives contact us at rlf@raisedlines.org
We want to achieve our transformative goal of reaching 500 schools globally in the next 3 years.

For **Schools** and **NGOs**: We are committed to promoting inclusive education and empowering visually impaired students. For collaboration, support, or requirement of resources, contact us at rlf@raisedlines.org

OUR SUPPORTERS



IIT DELHI



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vision empower
LITERACY PROMOTER





GET IN TOUCH




We'd love to hear from you! Whether you have a question, want to collaborate, or wish to support our mission, please reach out to us. Together, we can make education accessible for all.



 B-15, Sector-59, Noida, Uttar Pradesh-201307, India

 +91-8929669336

 rlf@raisedlines.org

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