

# Raised Lines Foundation

## CATALOGUE AUG 2023

Tactile Books from Raised Lines Foundation



### Contact Us:

**RAISED LINES FOUNDATION**

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Room No. 557, Sonipat- 131028 (Haryana)

*\*\* These prices are subjected to change based on the market rates*

## Tactile Books from RLF

S.No.	Title of Book	Brief Description	Price in Rupees
1	Do-it-yourself Tactile Graph Kit	Our DIY Tactile Graph Kit enables visually challenged students to learn, create and use graphs for depicting data. It is an effective medium to understand the various representations and analysis of data which will help them over the course of their education.	580/-
2	Akshar aur Sankhya Gyan (अक्षर और संख्या ज्ञान)	This book is developed to encourage Hindi learning and building vocabulary by associating words with the attractive tactile pictures. It covers the related preschool topics like Hindi varnamala, counting and matras, making it a must have tactile book for learning Hindi Braille and language.	670/-
3	Tactile Colouring Book	A 22-pager coloring set 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.	240/-
4	Tactile Map Book	It is developed to familiarize every student with visual impairment with the maps of the Indian subcontinent. It includes physical map, political map- states, union territories, north-eastern states, rivers of India, neighbouring countries, and 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.	495/-
5	Tactile Mathematics Primer	Learn fundamental concepts of Mathematics like shapes, lines, angles, polygons, radius, arcs, chords, tangents etc. with tactile diagrams.	820/-
6	Learning with Tactile Graphics	This book is a collection of variety of tactile diagrams ranging from shapes of English Alphabets (capital and small) and numbers, basic shapes, fruits, vegetables, nature, means of transport, emoticons etc. This book is developed to introduce students in higher classes to concepts relevant to them through simple tactile diagrams. The focus of this book is to enhance their tactile perception and interpretation skills.	1050/-
7	Exploring Windows V2	Exploring Windows is developed as the first book in the series of tactile books to facilitate computer learning for persons with low vision and blindness around the world. It aims at familiarizing the readers with concepts of desktop, menus, user interface elements, dialog box, file explorer, web browser and special symbols (like dollar sign, exclamation, forward, backward slash etc.). These tactile diagrams are aimed at creating a mental mapping between audio feedback of screen reader and the layout of related objects on a computer screen. It is developed in collaboration with Enable India.	1100/-

8	Tactile Computer Learning Book V2	This book covers tactile layout of basic computer applications like MS Word, Excel, PowerPoint layout, Desktop layout, etc.	690/-
9	All in One	This book is developed for encouraging picture-based approach to learning English alphabets, shapes of animals, birds, fruits, and animals. The book includes the supporting text in large print font as well as Braille, making it useful for readers with sight-loss and low-vision as well as sighted teachers and parents who do not know Braille.	1150/-
10	About India	This book introduces the reader about India through simple tactile representations along with brief descriptions of National flag, bird, animal, flower, tree, fruit, heritage animal, aquatic animal, state emblem and rupee symbol. The book also includes National Anthem and National Song of India. The entire content of the book is in large print font and Braille in English as well as Hindi language.	600/-
11	Incredible India	This book introduces the readers to various monuments of India through their tactile representations. This book covers Charminar, India Gate, Red Fort, Lotus Temple, Sanchi Stupa, Gateway of India, Hawa Mahal, Jama Masjid, Qutub Minar and Taj Mahal. Descriptions of each monument are added in large print font and Braille in English as well as Hindi language.	580/-
12	Father of the Nation Mahatma Gandhi	This book has specifically been made to Know about the life and work of Mahatma Gandhi. Text is written in large print font and Braille in English as well as Hindi language, making it suitable for reading by persons with blindness, low- vision and normal sight.	445/-
13	Tactile World Atlas V2	It includes variety of tactile maps for familiarizing the readers with the continents, countries, oceans, seas, international and national boundaries, islands etc. All the objects are labelled in English Braille and detailed keys are added before each diagram along with the navigation descriptions before each diagram for ease of understanding.	950/-
14	Around the World	This book introduces the readers to the 10 iconic monuments of the World through their tactile representations. It includes Taj Mahal, El Castillo, The Roman Colosseum, Christ the Redeemer, Big Ben, Statue of Liberty, Leaning Tower of Pisa, Sydney Opera House, Eiffel Tower and Burj Khalifa. Descriptions of each monument are added in large print font and Braille in English language.	590/-
15	Encyclopaedia of Geometry tactile diagrams (Volume A) - Spiral bound in 3 parts	This kit includes tactile diagrams covering geometry concepts that student learns from class 1 to 5. It covers the following concepts along with their types and construction: Point, lines, 2D shapes, basics of angles, triangles, quadrilaterals, and circles, measurements of 2D shapes and basics of graphs and charts.	4,300/-

16	Encyclopaedia of Geometry tactile diagrams (Volume B)- Spiral bound in 3 parts	This kit includes tactile diagrams covering geometry concepts taught to students in Class 6-10. It includes the diagrams related to following concepts in detail: Lines and Angles (Axioms, theorems, and properties), Triangles (theorems and properties), Polygons, Circles (theorems), Measurement of 2D and 3D shapes, Graphs and charts, Coordinate Geometry and Trigonometry.	4,850/-
17	Science Primer (Volume A) - Spiral bound in 3 parts	It is a collection of tactile diagrams required for explaining concepts related to General Science. It is meant for students from class 1 to 5. It includes tactile diagrams related to concepts of Human Body, Plants, Animals, Insects, Nature, Solar System, Air, Water, Food, Clothing, Housing and Nature. Students studying in classes 1 to 5 can use this tactile manual irrespective of the school or the education board across the country.	3,500/-
18	Science Primer (Volume B) - Spiral bound in 3 parts	It is a collection of tactile diagrams required for explaining concepts related to Physics, Chemistry and Biology. It is meant for students with visual impairment from class 6 <sup>th</sup> to 8 <sup>th</sup> . It includes tactile diagrams related to concepts of Motion, Distance, Light, Friction, Sound, Electricity, Current, Energy, Circuits, Soil, Heat, Respiration, Reproduction, Cell structure, Tissues, Atoms, Carbon compounds, Periodic Table, Human Eye etc. Students can use this tactile manual irrespective of the school or the education board across the country.	5,100/-
19	GEOMKIT	It is a comprehensive set of accessible tools and accessories required for doing tactile geometry constructions on a standard Braille Paper by students with visual impairment.	2950/-

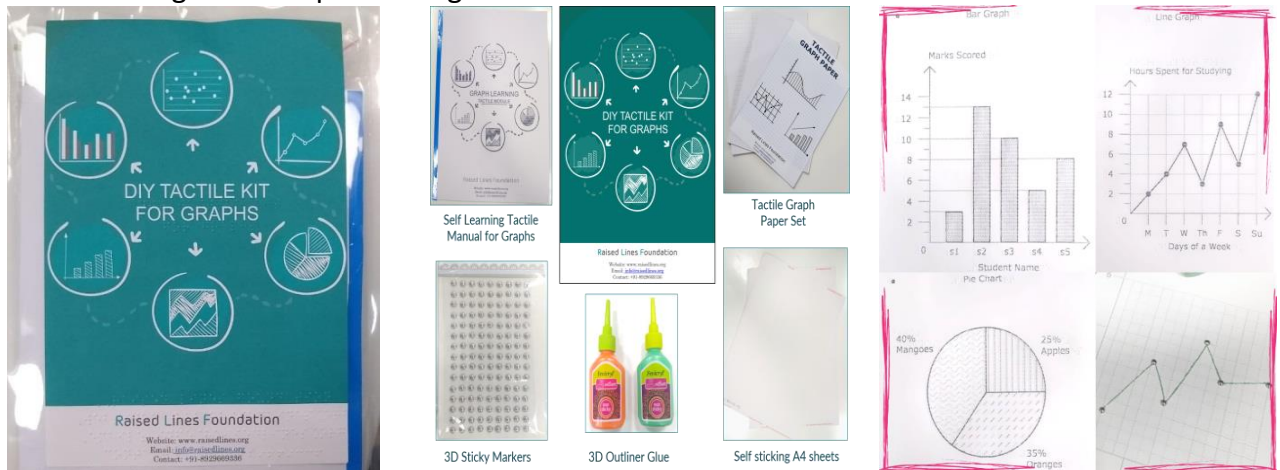
## NCERT Tactile Diagram Supplementary Books

S. No.	Books Name	Books Price (Rs.)	No. of Diagram Sheets	No. of Braille Sheets	No. of Volumes
1	Class 6 Science	2300/-	63	59	1
2	कक्षा 6 विज्ञान	2300/-	63	59	1
3	Class 6 Mathematics	6900/-	240	47	3
4	Class 9 Science	5300/-	138	124	4
5	कक्षा विज्ञान 9	5300/-	138	124	4
6	Class 9th Mathematics	6900/-	240	49	3
7	Class 10th Science	5700/-	176	76	4
8	कक्षा 10 विज्ञान	5700/-	176	76	4
9	Class 10th Mathematics	4500/-	152	31	3

## 1. Do-it-yourself Tactile Graph Kit (MRP – 580/-)

Our DIY Tactile Graph Kit enables visually challenged students to learn, create and use graphs for depicting data. It is an effective medium to understand the various representations and analysis of data which will help them over the course of their education.

Each kit contains: 1. Tactile graph paper set 2. 3D tactile stickers 3. Self-sticking sheets 4. 3D outliner glue 5. Graph learning tactile manual



## 2. Akshar aur Sankhya Gyan (MRP -670/-)

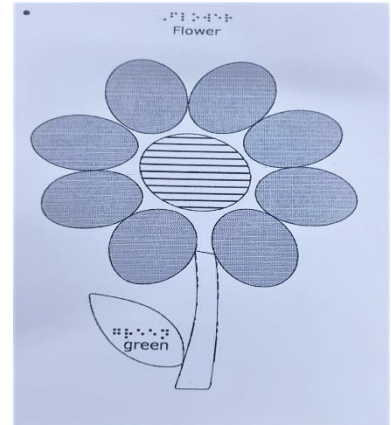
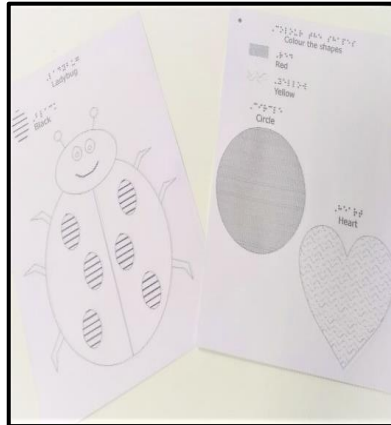
This book is developed to encourage Hindi learning and building vocabulary by associating words with the attractive tactile pictures. It covers the related preschool topics like Hindi varnamala, counting and matras, making it a must have tactile book for learning Hindi Braille and language.





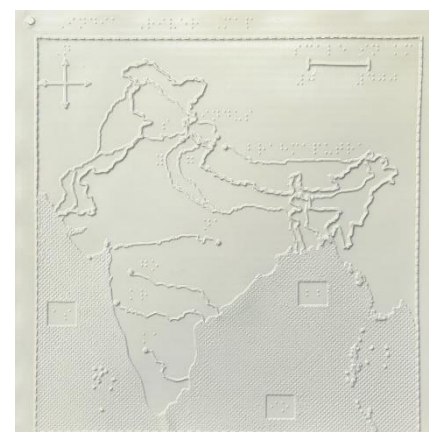
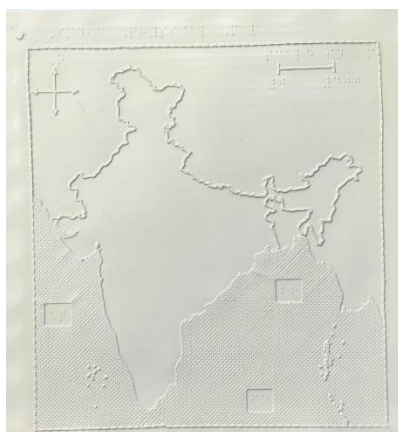
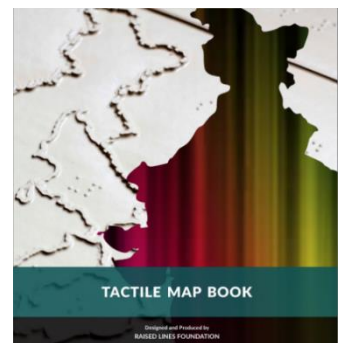
### 3. Tactile Colouring Book (MRP- 240/-)

A 22-pager coloring set 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.



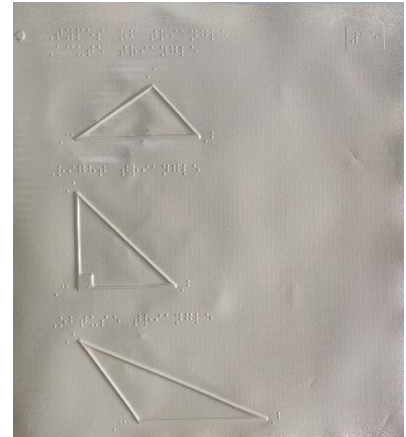
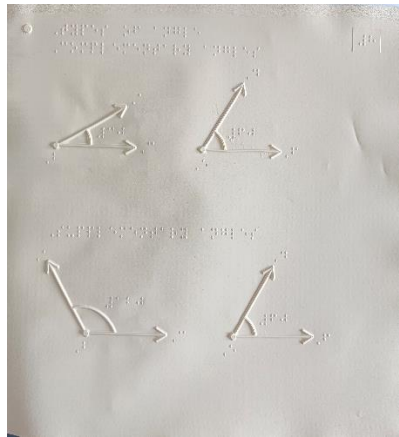
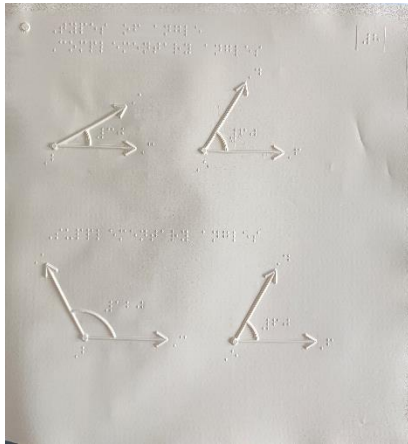
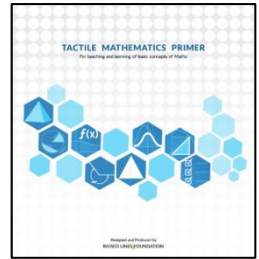
### 4. Tactile Map Book (MRP- 495/-)

It is developed to familiarize every student with visual impairment with the maps of the Indian subcontinent. It includes physical map, political map- states, union territories, north-eastern states, rivers of India, neighbouring countries, and 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.



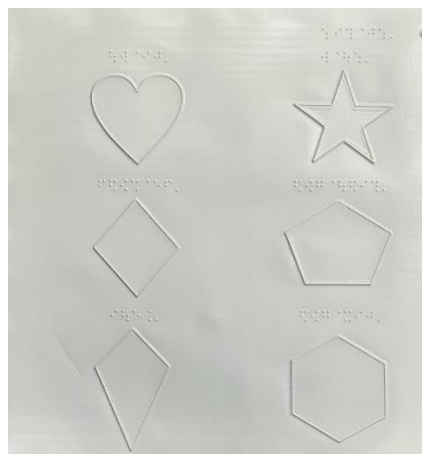
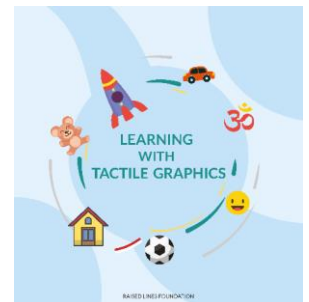
## 5. Tactile Mathematics Primer (MRP- 820/-)

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



## 6. Learning with Tactile Graphics (MRP-1050/-)

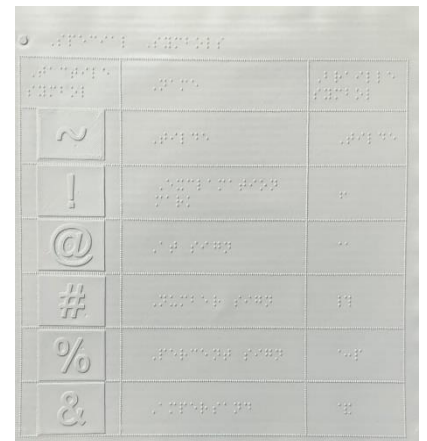
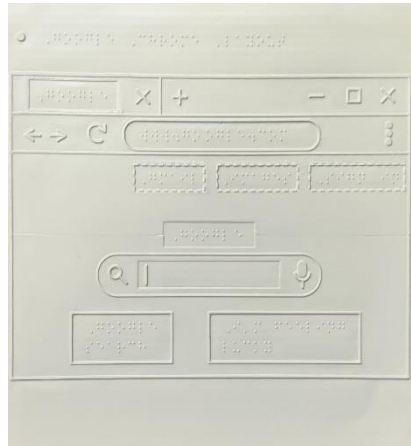
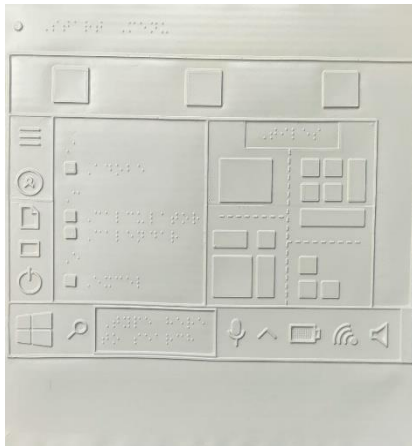
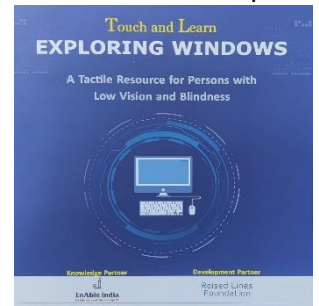
This book is a collection of variety of tactile diagrams ranging from shapes of English Alphabets (capital and small) and numbers, basic shapes, fruits, vegetables, nature, means of transport, emoticons etc. This book is developed to introduce students in higher classes to concepts relevant to them through simple tactile diagrams. The focus of this book is to enhance their tactile perception and interpretation skills.





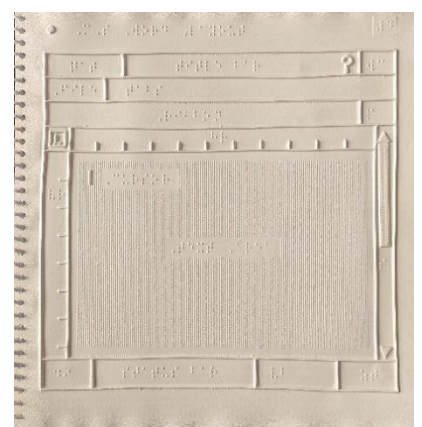
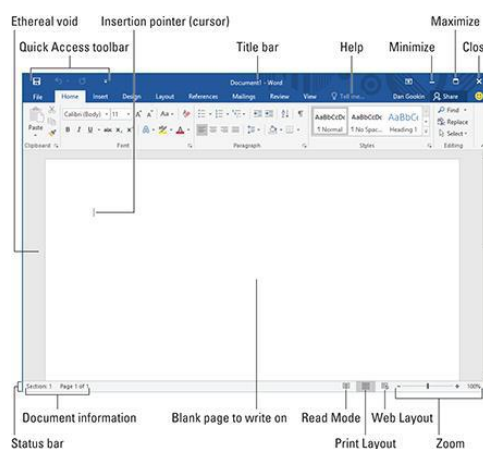
## 7. Exploring Windows –(V2) (MRP- 1100/-)

Exploring Windows is developed as the first book in the series of tactile books to facilitate computer learning for persons with low vision and blindness around the world. It aims at familiarizing the readers with concepts of desktop, menus, user interface elements, dialog box, file explorer, web browser and special symbols (like dollar sign, exclamation, forward, backward slash etc.). These tactile diagrams are aimed at creating a mental mapping between audio feedback of screen reader and the layout of related objects on a computer screen. It is developed in collaboration with Enable India.



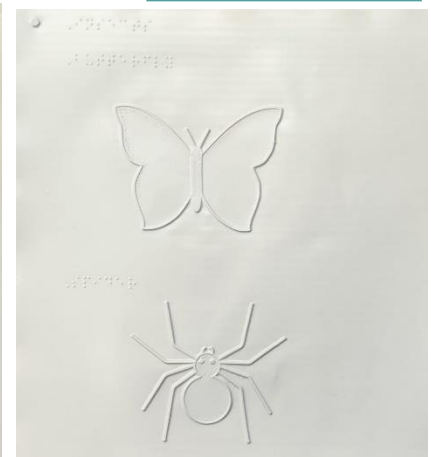
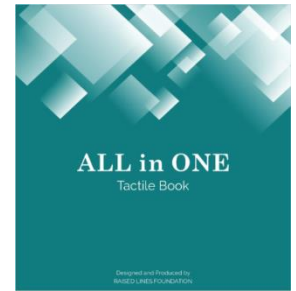
## 8. Tactile Computer Learning Book V2 (MRP- 690/-)

This book covers tactile layout of basic computer screen layouts for Windows desktop and computer applications like Microsoft Word, Excel and Power Point with simple tactile representations.



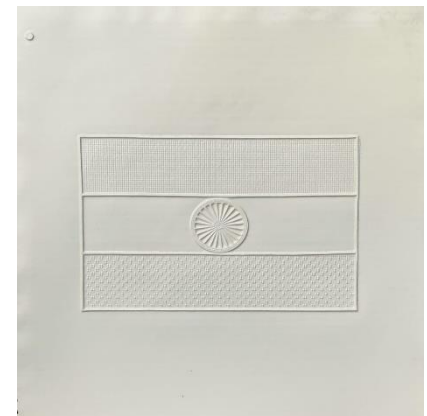
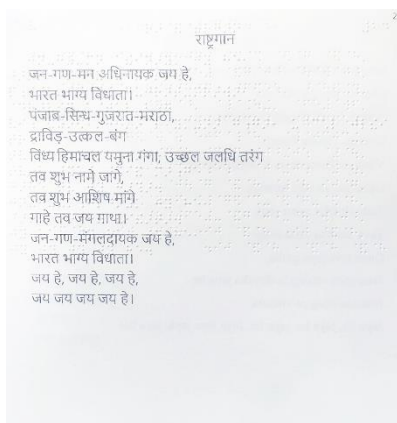
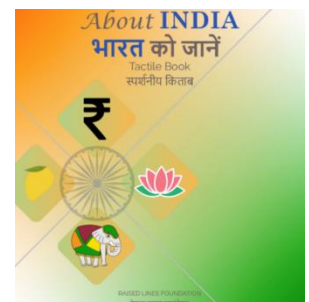
## 9. All in One (MRP - 1150/-)

This book is developed for encouraging picture-based approach to learning English alphabets, shapes of animals, birds, fruits, and animals. The book includes the supporting text in large print font as well as Braille, making it useful for readers with sight-loss and low-vision as well as sighted teachers and parents who do not know Braille.



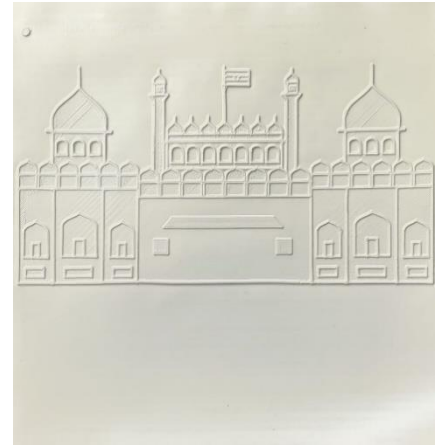
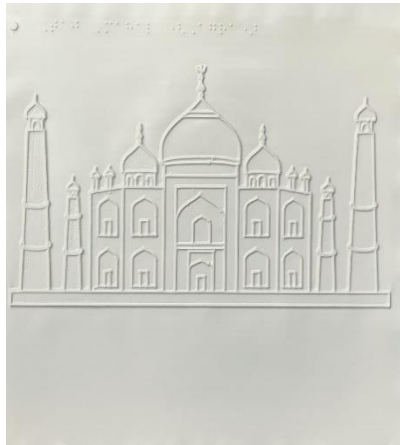
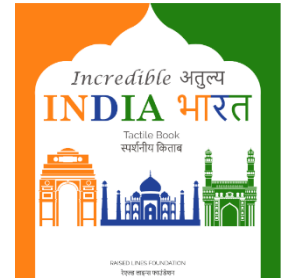
## 10. About India (MRP-600/-)

This book introduces the reader about India through simple tactile representations along with brief descriptions of National flag, bird, animal, flower, tree, fruit, heritage animal, aquatic animal, state emblem and rupee symbol. The book also includes National Anthem and National Song of India. The entire content of the book is in large print font and Braille in English as well as Hindi language.



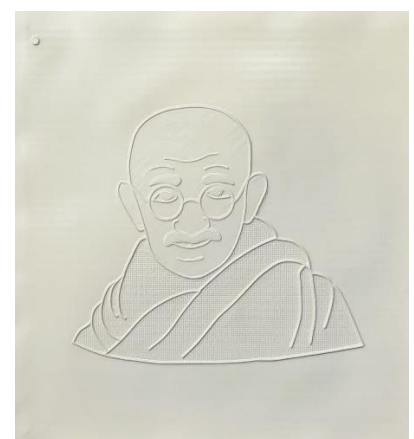
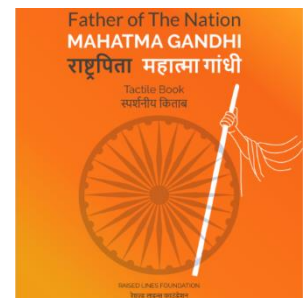
## 11. Incredible India (MRP-580/-)

This book introduces the readers to various monuments of India through their tactile representations. This book covers Charminar, India Gate, Red Fort, Lotus Temple, Sanchi Stupa, Gateway of India, Hawa Mahal, Jama Masjid, Qutub Minar and Taj Mahal. Descriptions of each monument are added in large print font and Braille in English as well as Hindi language.



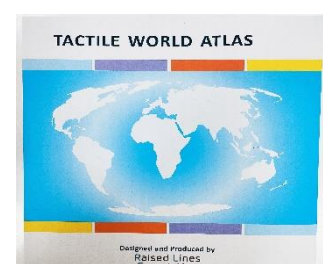
## 12. Father of the Nation - Mahatma Gandhi (MRP-445/-)

This book has specifically been made to know about the life and work of Mahatma Gandhi. Text is written in large print font and Braille in English as well as Hindi language, making it suitable for reading by persons with blindness, low- vision and normal sight.

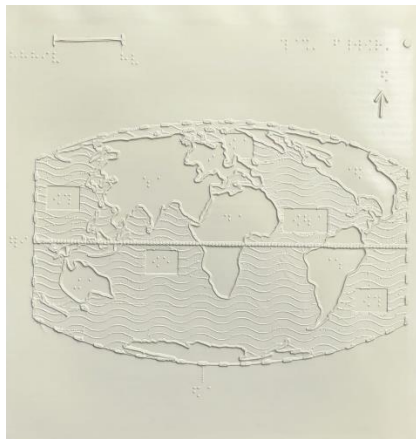


## 13. World Atlas V2 (MRP-950/-)

It includes variety of tactile maps for familiarizing the readers with the continents, countries, oceans, seas, international and national boundaries, islands etc. All the objects are labelled in English Braille and detailed keys are added before each diagram along with the navigation descriptions before each diagram for ease of understanding.

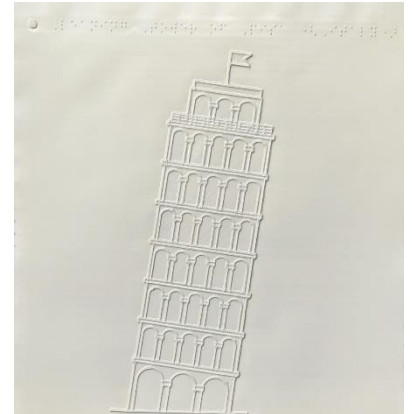
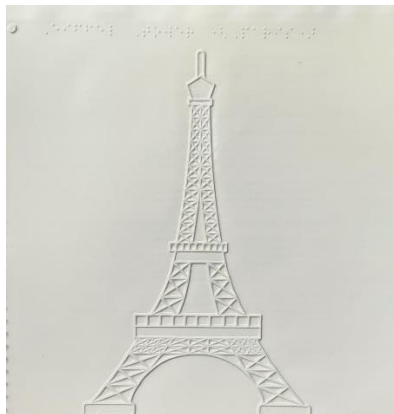
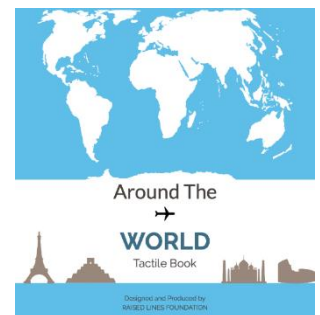






#### 14. Around the World (MRP-590/-)

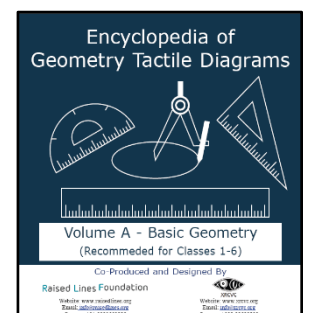
This book introduces the readers to the 10 iconic monuments of the World through their tactile representations. It includes Taj Mahal, El Castillo, The Roman Colosseum, Christ the Redeemer, Big Ben, Statue of Liberty, Leaning Tower of Pisa, Sydney Opera House, Eiffel Tower and Burj Khalifa. Descriptions of each monument are added in large print font and Braille in English language.



#### 15. Encyclopaedia of Geometry Tactile Diagrams - Volume A (spiral bound in 3 parts) (MRP- 4300/-)

This kit includes **Volume A** of Encyclopaedia of Geometry tactile diagrams covering geometry concepts that student learns from class 1 to 5.

It covers the following concepts along with their types and construction: Point, lines, 2D shapes, basics of angles, triangles, quadrilaterals, and circles, measurements of 2D shapes and basics of graphs and charts.



It can be used by students with visual impairment and blindness across the world as it focuses on concepts irrespective of the school curriculum and education board. Headings and Labels in the tactile diagrams are in English language. Special educators, teachers, parents can use it as a teaching aid for explaining geometry concepts to the students with visual impairment. For ease of use, tactile diagrams on punched sheets are organized chapter wise in the ring binder. It is developed in collaboration with Xavier Resource Centre for Visually Challenged (XRCVC).



## 16. Encyclopaedia of Geometry Tactile Diagrams - Volume B (Spiral bound in 3 parts) (MRP – 4850/-)

This kit includes **Volume B** of Encyclopaedia of tactile diagrams covering geometry concepts taught to students in Class 6-10. It includes the diagrams related to following concepts in detail: Lines and Angles (Axioms, theorems, and properties), Triangles (theorems and properties), Polygons, Circles (theorems), Measurement of 2D and 3D shapes, Graphs and charts, Coordinate Geometry and Trigonometry.

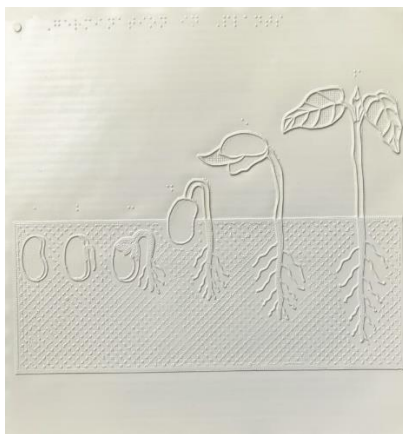


It can be used by students with visual impairment and blindness across the world as it focuses on concepts irrespective of the school curriculum and education board. Headings and Labels in the tactile diagrams are in English language. Special educators, teachers, parents can use it as a teaching aid for explaining geometry concepts to the students with visual impairment. For ease of use, tactile diagrams on punched sheets are organized chapter wise in the ring binder. It is developed in collaboration with Xavier Resource Centre for Visually Challenged.



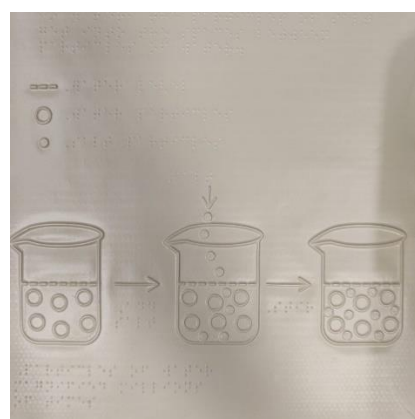
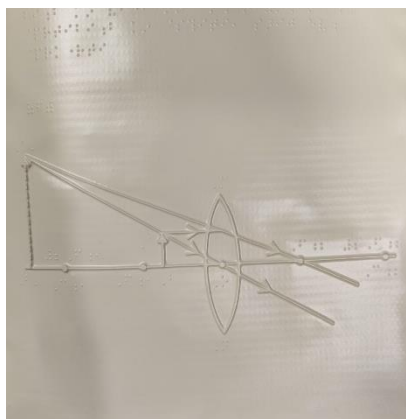
### 17. Science Primer - Volume A (Spiral bound in 3 parts) (MRP – 3500/-)

It is a collection of tactile diagrams required for explaining concepts related to General Science. It is meant for students from class 1 to 5. It includes tactile diagrams related to concepts of Human Body, Plants, Animals, Insects, Nature, Solar System, Air, Water, Food, Clothing, Housing and Nature. Students studying in classes 1 to 5 can use this tactile manual irrespective of the school or the education board across the country.



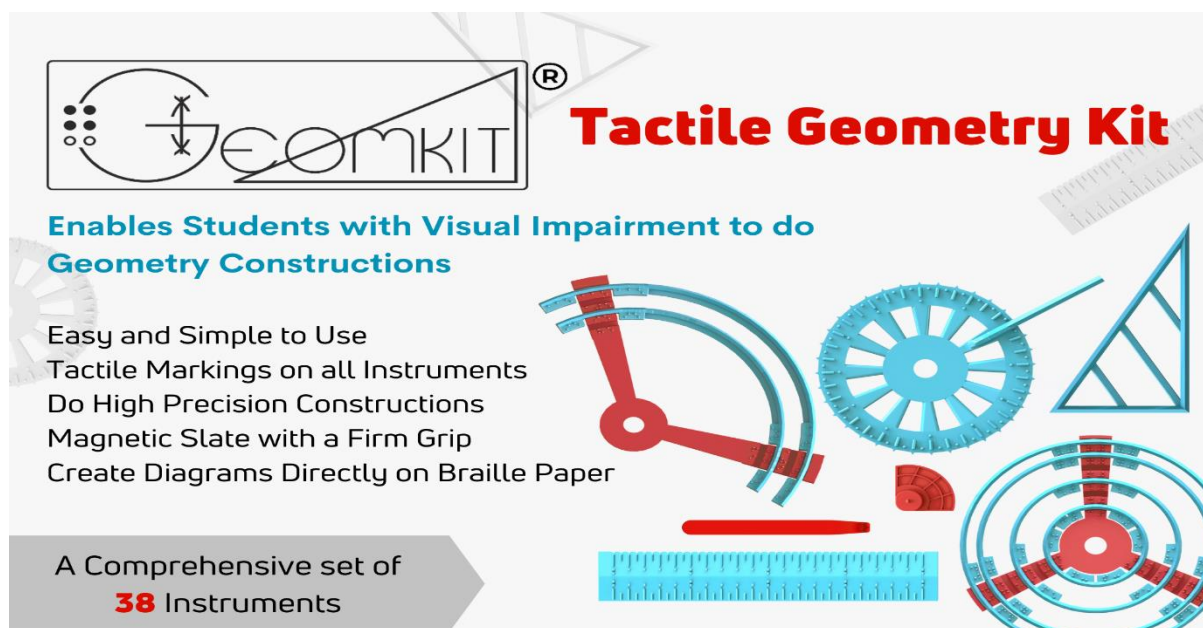
### 18. Science Primer - Volume B (Spiral bound in 3 parts) (MRP – 5100/-)

It is a collection of tactile diagrams required for explaining concepts related to Physics, Chemistry and Biology. It is meant for students with visual impairment from **class 6 to 10**. It includes tactile diagrams related to concepts of Motion, Distance, Light, Friction, Sound, Electricity, Current, Energy, Circuits, Soil, Heat, Respiration, Reproduction, Cell structure, Tissues, Atoms, Carbon compounds, Periodic Table, Human Eye etc. Students can use this tactile manual irrespective of the school or the education board across the country.



## 19. GEOMKIT (MRP – 2950/-)

It is a comprehensive set of accessible tools and accessories required for doing tactile geometry constructions on a standard Braille Paper by students with visual impairment.



**GEOMKIT<sup>®</sup> Tactile Geometry Kit**

**Enables Students with Visual Impairment to do Geometry Constructions**

- Easy and Simple to Use
- Tactile Markings on all Instruments
- Do High Precision Constructions
- Magnetic Slate with a Firm Grip
- Create Diagrams Directly on Braille Paper

A Comprehensive set of **38** Instruments

It includes the following:

1. Tactile Slate – on which tactile drawings would be made
2. Point Markers – to mark the Points
3. Line Markers – to draw Line and Line Segments
4. Ruler – to draw and measure Distances
5. Protractor – to draw and measure Angles
6. Set Square frame – to draw most-used angles ( $30^\circ$ ,  $60^\circ$  and  $90^\circ$ ) without using Protractor
7. Wheels and Arcs – stencils to draw Circles and Arcs of specific radius (in lieu of Compass)
8. Tactile Stylus – for creating embossed impressions on the braille paper
9. GEOMKIT comes in a Box that fits in a school bag – thus is easy to carry

With GEOMKIT, a student with visual impairment can easily create a vast range of Geometrical constructions. It is tested for all the geometrical constructions as per NCERT Class 6 to 10 syllabus.

