



## COMPREHENSIVE STEAM LEARNING SOLUTION



## What is Matatalab?

The Matatalab Coding Set is a block-based, tangible programming tool that allows students to move a robot through an environment by way of a Bluetooth-enabled command tower and board.

## What is Matatalab tangible programming language?

Matatalab tangible programming language is suitable for children aged 3 to 9. Rather than using pictures and words on a computer screen, it uses physical buttons or physical blocks to represent various programming elements, commands, and flow-of-control structures, to code. By arranging and connecting these buttons or blocks, children can create programs and control a robot's behavior.



# Matatalab Coding Set

MATATALAB CODING SET ALLOWS KIDS TO DEVELOP THE NECESSARY COGNITIVE ABILITIES AND LEARN CODING SKILLS AT A YOUNG AGE.

RECOMMENDED FOR AGE 4 - 9

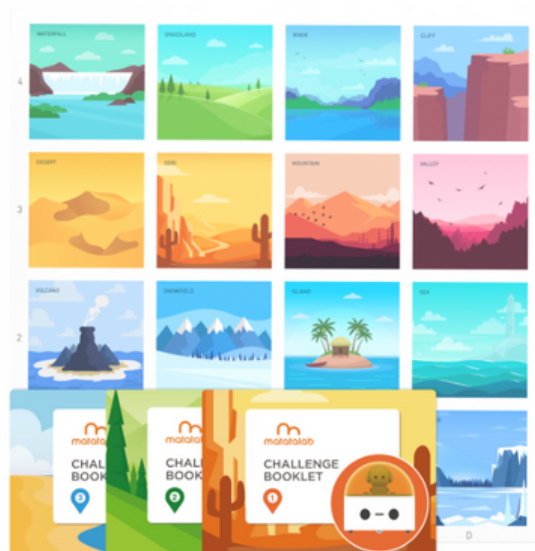
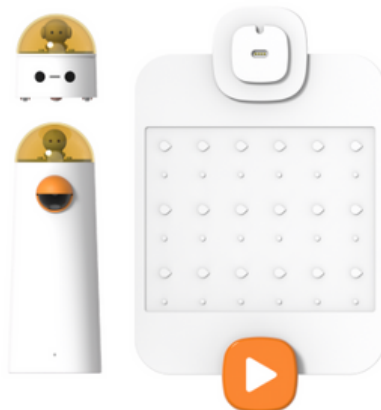
## Features and Benefit

- **No screen required-** Kids can construct their knowledge on coding and logic directly with their hands.
- **Gamification** -Kids learn through playing and therefore feel that coding is simple.
- **Intuitive symbol design** - Use directional language and no literacy required.
- **Easy to expand-** Available to be played with Musician/Artist/ Animation/Sensor add on
- **Packaged with challenge booklets-** Kids learn through playing and therefore feel that coding is simple.



## What's in the Kit?

- 1 MATATABOT ROBOT ● 1 CONTROL TOWER ● 1 PROGRAMMING BOARD
- 4 "BACKWARD" BLOCK ● 4 BLOCK "STRAIGHT AHEAD" ● 2 "LOOP START" BLOCK
- 4 BLOCK "ROTATION LEFT 90°" ● 2 "LOOP ENDS" BLOCK ● 1 "FUNCTION CALL" BLOCK
- 1 "FUNCTION DEFINITION" BLOCK ● 1 "SONGS" BLOCK ● 1 "DANCE" MODULE
- 1 "MOTION" BLOCK ● 2 NUMBER "2" ● 2 NUMBER "3" ● 2 NUMBER "4"



# Matatalab Coding Set (Home Edition)

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## Features and Benefit

- **Train the brain and protect the eyes-** Teach kids computational language concepts by physically place the coding blocks.
- **Implementing a Cross-curricular Learning-** Kids will learn more about DIY, math and science through coding with Matatalab coding set.
- **Kids Friendly and Parents Friendly-** Parents can assist kids to DIY creative maps, decorate their MatataBot and more to enjoy the coding set together.
- **How to Play-** By combining multiple tangible Coding Blocks, kids control a robot car through coding algorithms to complete a challenge.



## What's in the Kit?

- 1 ROBOT & BOARD & BOARD
- 46 CODING BLOCKS
- 2 STORY BOOKS
- 1 GAME BOOKS
- 2 MAPS
- OTHER MATERIALS TO EXPLORE MORE



# Matatalab Tale-Bot Pro

MATATALAB CODING SET ALLOWS KIDS TO IMPROVE SKILLS OF FREE SPEAKING, AND STORYTELLING, WHILE THEIR SOCIAL-EMOTIONAL SKILLS, FOUR C'S OF 21ST CENTURY SKILLS AND COMPUTATIONAL THINKING SKILLS ARE EXERCISED.

RECOMMENDED FOR AGE 3-5

## Features and Benefit

- Teaches Commands, Sequences, Loops
- Instant voice feedback with 8 languages
- Ability to record for imaginative storytelling
- Multiple accessories for new abilities and new looks
- Supports drawing and dancing through coding
- Intuitive to track coding process and do debugging



## What's in the Kit?



● TALE-BOT PRO X 1



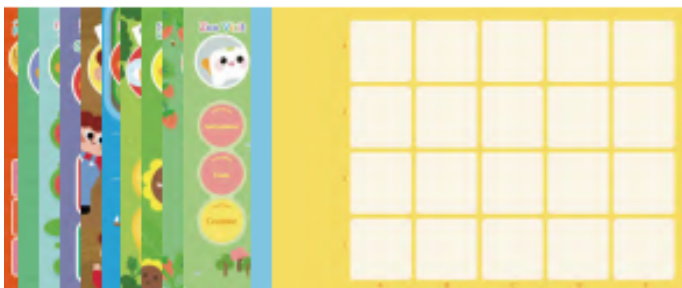
● ACCESSORIES X 6



● COMMAND CARD X 32



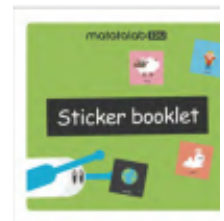
● CONFIGURATION SETTING CARD X 1



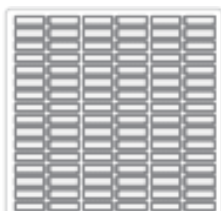
● DOUBLE-SIDED INTERACTIVE MAP X 5 + BLANK MAP X 1



● CALLOUT STICKERS QUICK GUIDE X 1



● STICKER BOOKLET X 1



● CALLOUT STICKERS X 1



● USER GUIDE X 2



● PAPER CRAFT X 3



● WASHABLE MARKER X 2

# Matatalab Add-Ons and Accessories

MATATALAB ALSO PROVIDED SOME OF THE AVAILABLE EXPENSION TO THEIR READY-TO-GO CODING KIT. THESE EXPENSION INCLUDED CODING BLOCK FUNCTIONS, MAPS AND ALSO SEVERAL SWEET DECORATION!

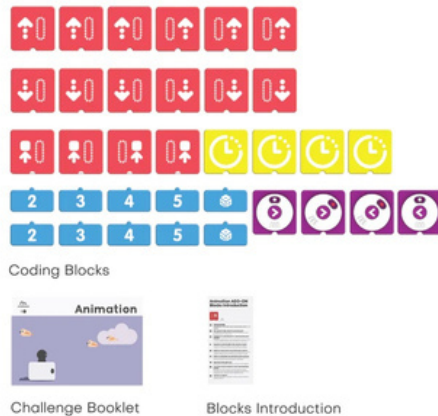
RECOMMENDED FOR AGE 3-9

## Add-Ons Product

### MATATALAB ANIMATION ADD-ON



#### What's include

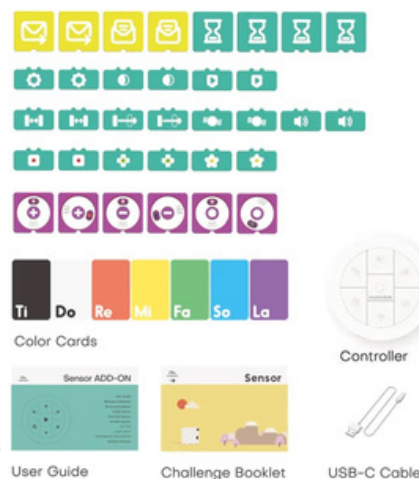


- Make advantage of MatataBot's 'Go Draw' feature.
- Kids can program the MatataBot to draw amazing shapes and move in unique ways.
- Customize the MatataBot's eyes with different colors too!
- Finally, kids can now animate the MatataBot how they like through hands-on play!

### MATATALAB SENSOR ADD-ON



#### What's include



- With the sensor function, kids can now program the MatataBot to detect and react to obstacles, colors, and even sound!
- Controllable onboard LED lights of embedded into Matatalab Controller.
- Sensor includes sound, color, light, Infrared(IR), gyro, touch, sending, and receiving messages.

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## Add-Ons Product

### MATATALAB ARTIST ADD-ON

#### What's Included



Artist warm-up cards

30°	36°	45°	60°	72°
108°	120°	135°	144°	150°
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108°	120°	135°	144°	150°

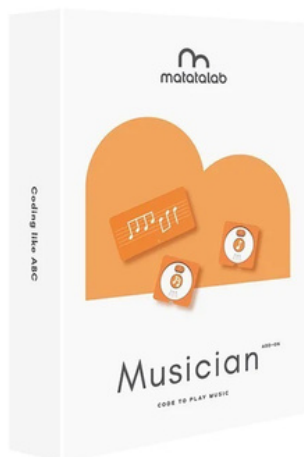


30° to 150° Angle 30° to 150° Angle

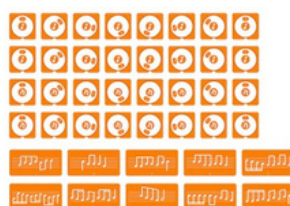
- Kids can draw beautiful graphics and pictures through programming.
- Focus towards the more advanced stages of coding their mathematical theories of geometry.
- Angle ranges from 30 degree up until 150 degree.
- Comes with 3 washable markers.

### MATATALAB MUSICIAN ADD-ON

#### What's Included



Music warm-up card



Music warm-up card

- Kids learn notes and beats through programming.
- With the free combination, kids can compose their favorite music, or even create their own now!
- 32 coding blocks (Music Function) from Do to Si on 2 octaves

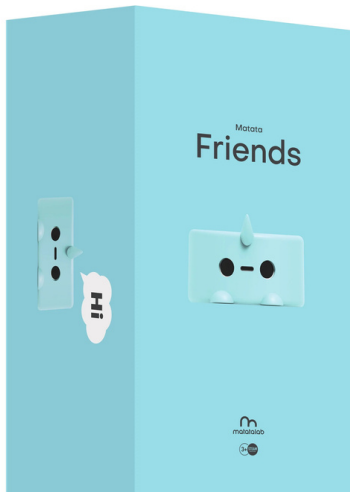
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## Accessories Product

### MATATALAB FRIENDS



- 3 new silicone skins for the robot which are, sky blue unicorn, pinky bunny, and orange cat designs.
- Tailhook is compatible with Lego®



### MATATALAB MAP



- MATATA Map includes 16pcs (10x10cm) magnetic grids.
- Each grid can be opened and inserted with different story cards that are double-sided.

