



EI-4115

Ages 3+

Grades Pre-K+

SPECIAL
COMPARTMENT
FOR FUN BOLTS

STORAGE FOR
BOLTS UNDER
REMOVABLE BOARD

CONTENTS

Power Drill

Power Screwdriver

Activity board

Wrench

Screwdriver handle

2 drill bits (flat tip,
Phillips)

100 bolts (in 5 colors)

20 Fun Bolts

Carrying case

With the Design & Drill Power Tool Workshop, children design their own learning fun. This jumbo set includes everything you need to help young learners develop a variety of skills – from color recognition to fine-motor skills.

GETTING STARTED

1. Insert batteries into the battery compartments of the Power Drill and the Power Screwdriver (see Battery Installation and Instructions).
2. Show the child both drill bits (flat tip, Phillips) and encourage him or her to experiment with how each one fits into or over the head of one of the bolts.
3. Help the child snap a bit into the Power Drill and the Power Screwdriver.
4. Point out the three positions of the power switch on the Power Drill and the Power Screwdriver – forward, off, and reverse. Let the child experiment with the different positions.



Flat tip bit



Phillips bit



5. Place one of the bolts into a hole in the activity board and have the child use the forward position of the Power Drill or Power Screwdriver to screw it in.
6. Demonstrate how to use the reverse position to remove the bolt.
7. Let the child practice using the Power Drill, Power Screwdriver, bolts, and activity board.
8. For some kid-powered fun, show the child how to snap one of the drill bits into the green screwdriver handle. Encourage the child to use the screwdriver handle and the wrench to screw in and remove the bolts.

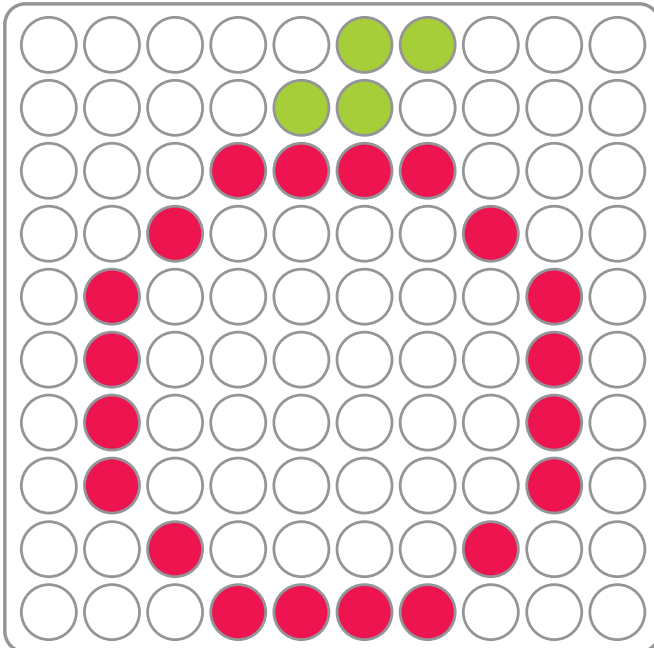
PATTERNS

Before presenting the patterns, encourage the child to play freely with the board, bolts, and different tools – screwing the bolts in randomly, or creating simple patterns and pictures.

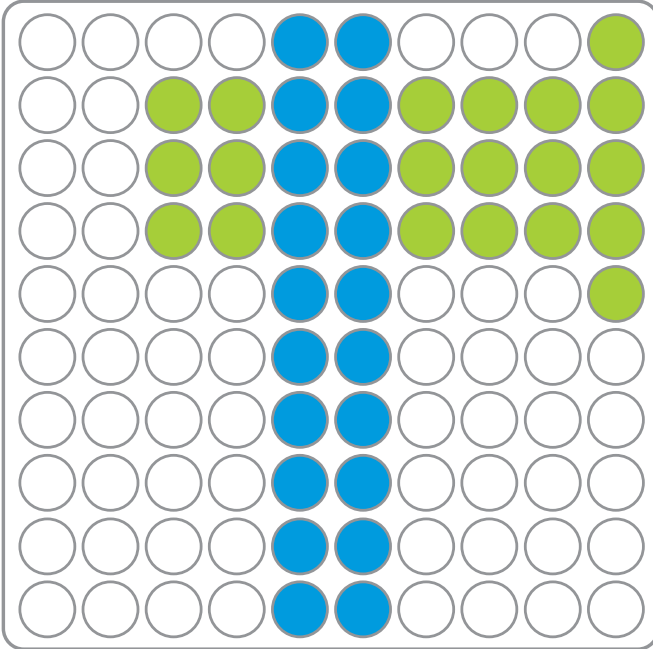
When you feel the child is ready to work with the patterns in this booklet, choose one of the simple patterns. Place it next to the board to develop matching skills. Encourage the child to pay close attention to the relative positions of the bolts by counting the number of blank holes. Show the child that each Fun Bolt covers more than one hole on the board.

TIP: Some children find it helpful to say the pictured pattern aloud as they work, for example, “Green, green, orange.”

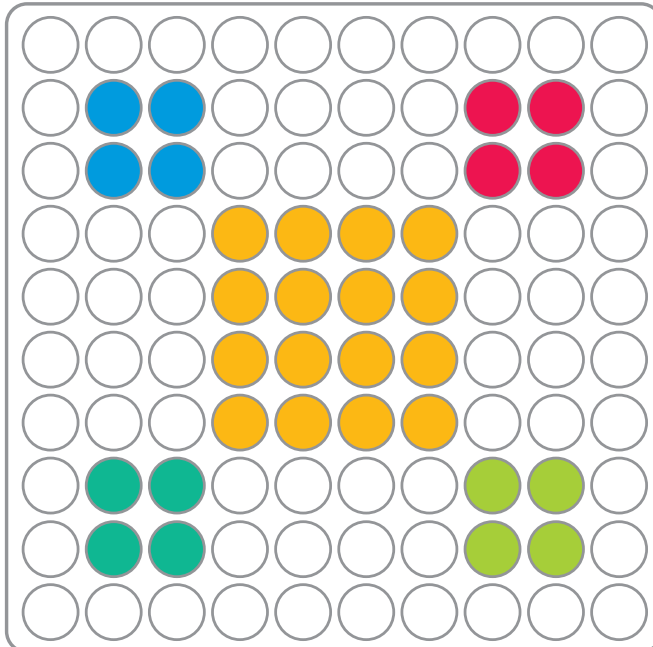
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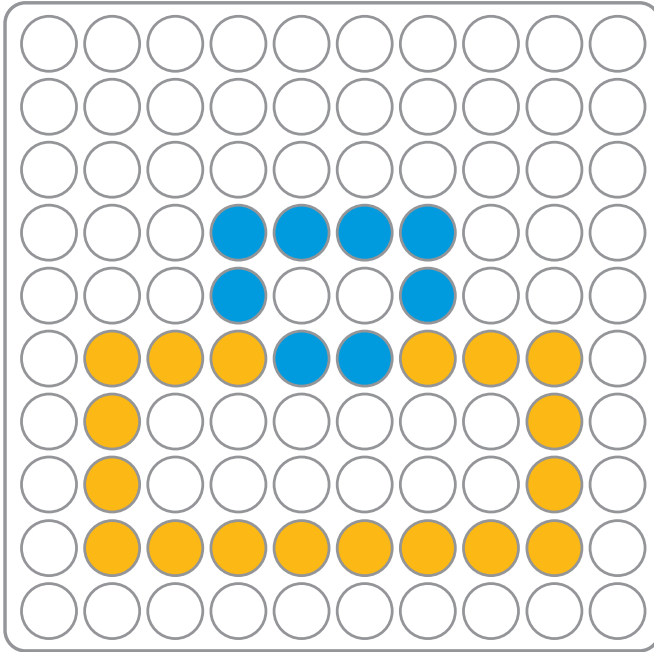
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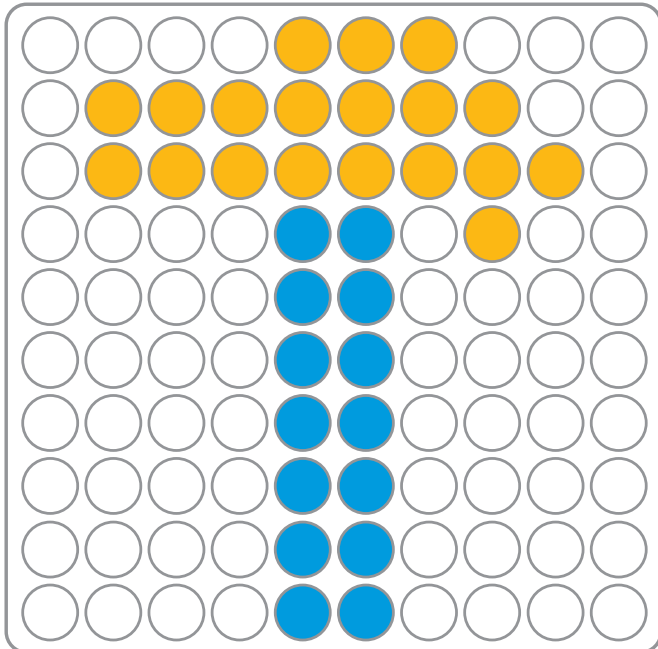
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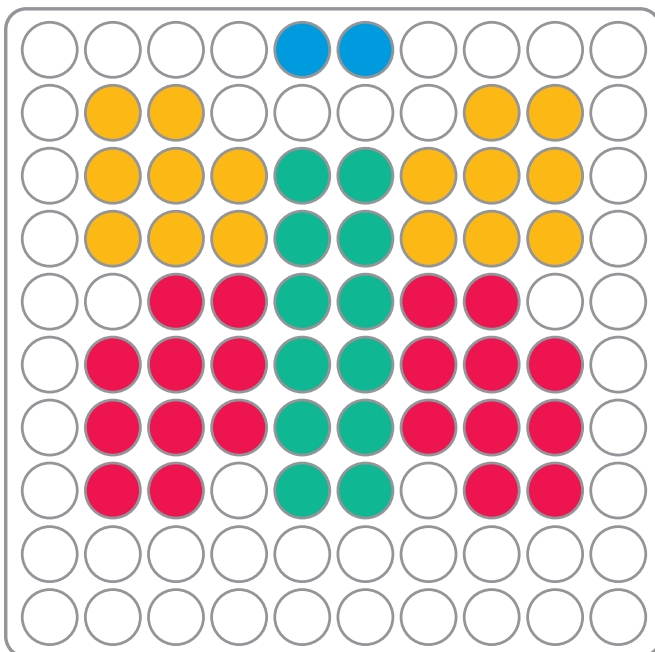
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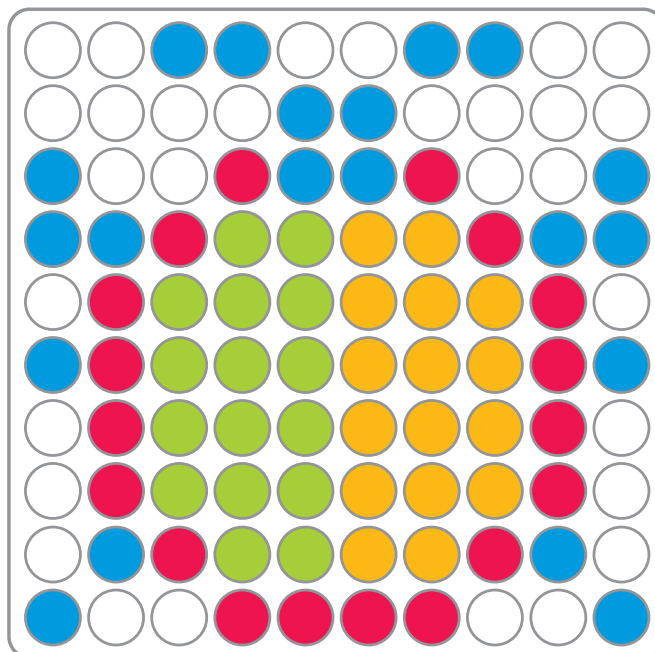
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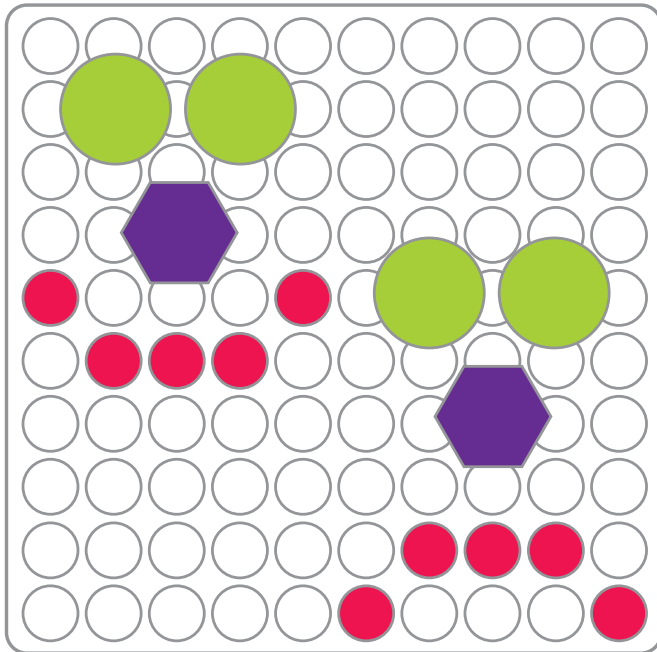
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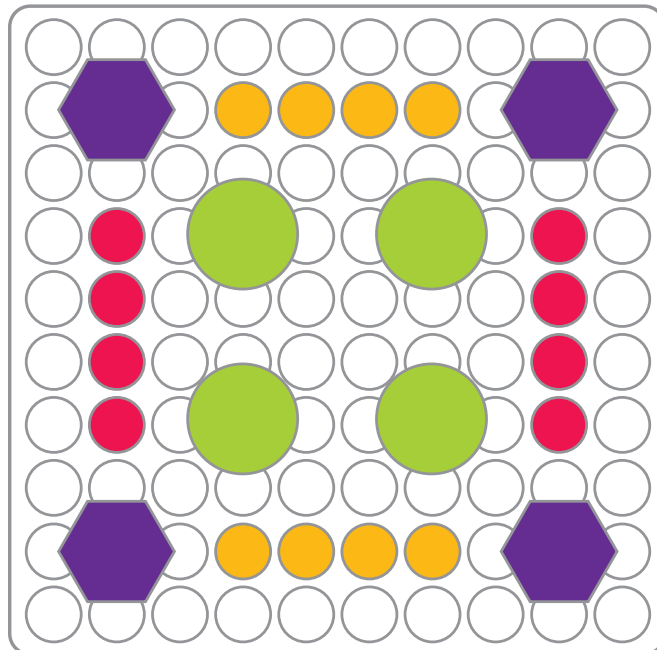
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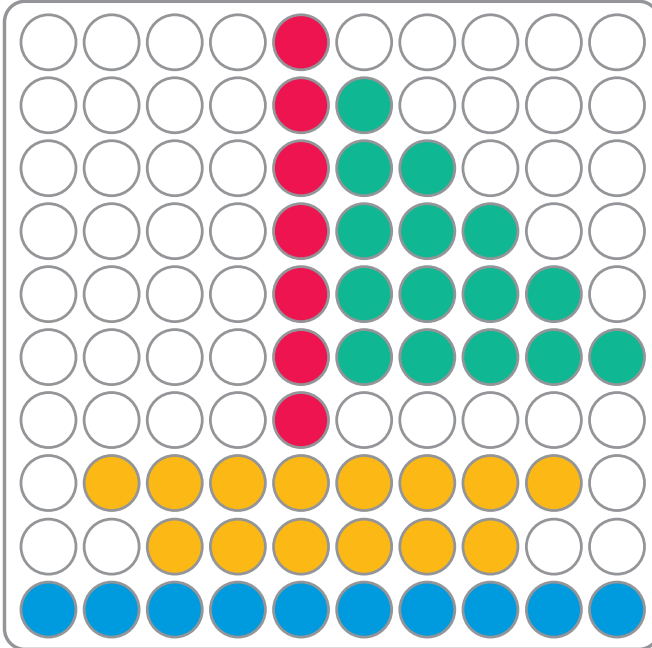
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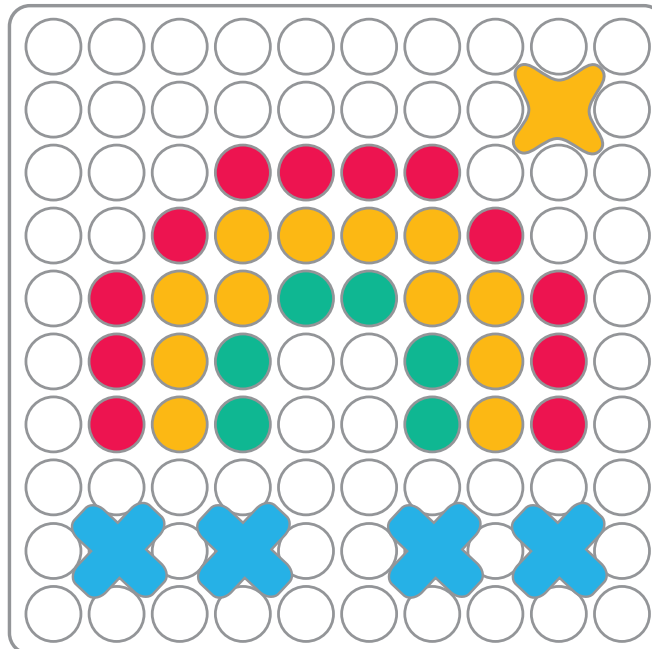
Pattern 13



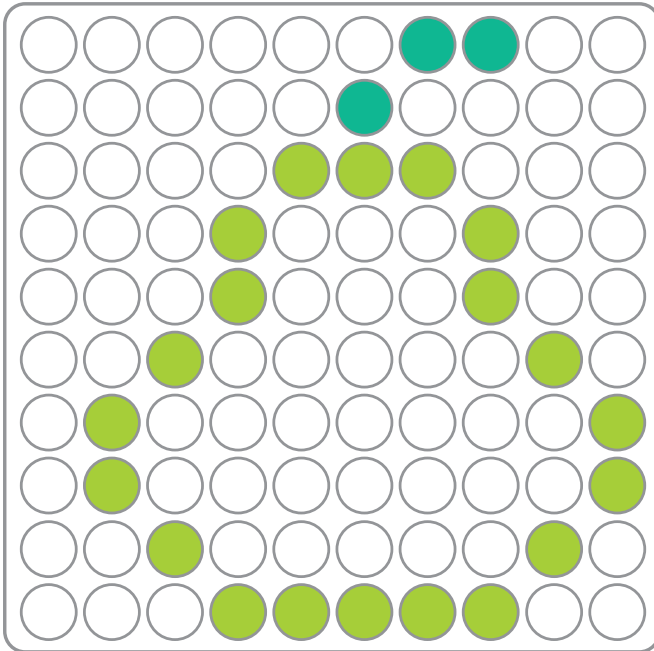
Pattern 14



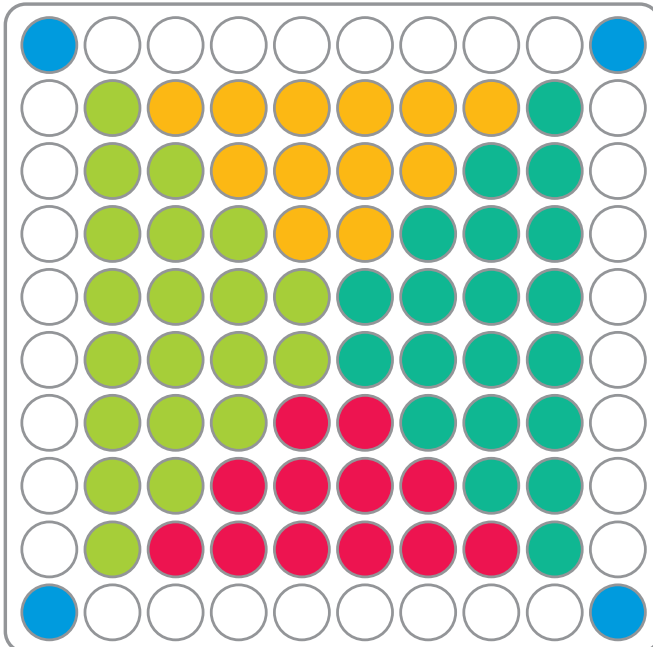
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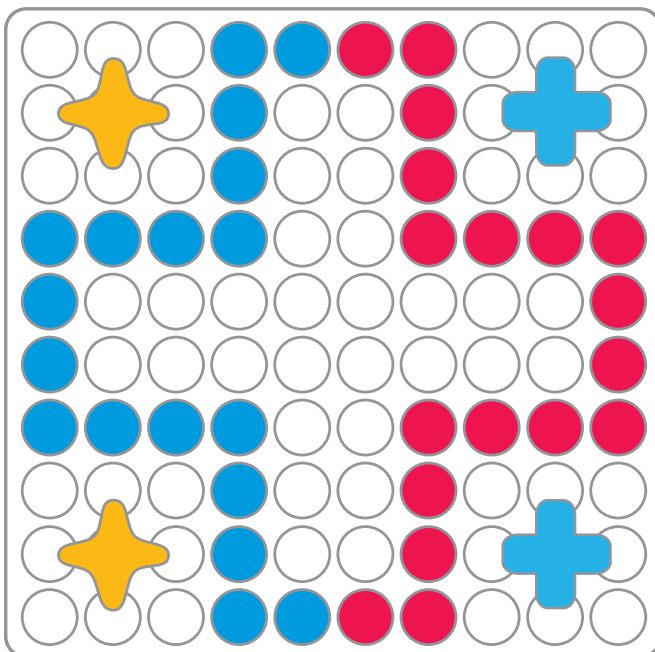
Pattern 16



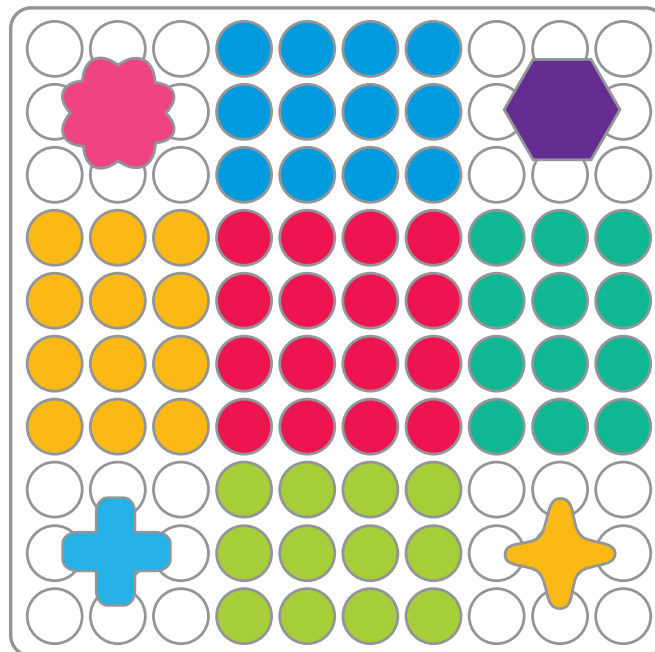
Pattern 17



Pattern 18



Pattern 19



BATTERY INSTALLATION AND INSTRUCTIONS

1. Open the battery compartment door on the Power Drill and the Power Screwdriver by loosening the screw holding it in place.
2. Install three fresh AA-cell (DC 1.5v) batteries into each battery compartment, following the diagram showing correct battery installation.
 - Do not use rechargeable batteries.
 - Do not mix old and new batteries.
 - Do not mix different types of batteries: alkaline, standard (carbon zinc) or rechargeable (nickel-cadmium) batteries.
 - Non-rechargeable batteries are not to be recharged.
 - Rechargeable batteries are to be removed from the toy before being charged.
 - Rechargeable batteries are only to be charged under adult supervision.
 - Only batteries of the same or equivalent type as recommended are to be used.
 - Batteries are to be inserted with the correct polarity.
 - Exhausted batteries are to be removed from the toy.
 - The supply terminals are not to be short-circuited.
 - To prevent corrosion and possible damage to the product, it is recommended to remove the batteries from the unit if it will not be used for more than two weeks.
3. Close the battery compartment door and tighten the screw.
4. Cleaning instructions: Clean product with a damp or dry cloth—do not immerse or spray any liquid or water on product.

