Resonated Metallophone
#6941, 6942, 6943

Assembly and Installation Instructions

*Please open and inspect all items upon receipt. If you have any questions or concerns, please contact us immediately.*
Quality Commitment
Nature Explore is dedicated to children’s education and safety. All of our resources are field-tested by experienced teachers and researchers prior to being available in the Sourcebook. Items that are hand-crafted, such as instruments, tables or balance beams, are done so by trusted professionals who share in our mission to connect children with nature. Our natural resources are crafted out of wood and other materials carefully selected for functionality, safety and durability.

If you ever have questions or would like more information about items you would like to order or have received, please contact us via phone or email. We are happy to discuss things in detail with you or send you additional information.

If inquiring about an existing order please have your ‘bill to’ zip code and order number handy (Ex: SO90001234). Also, our warranty, return and exchange policies are located online for your quick reference.

*All items created by and manufactured exclusively for Nature Explore are done so in accordance with all relevant and applicable safety standards and recommendations as set forth by the U.S. Consumer Product Safety Commission and ASTM International. Be sure to consider additional regulations that may be unique to your site.*
Recommended Ages: All Ages

Safety Warnings:
- When using volunteer labor, make sure that the person assembling the metallophone has the necessary skill level.
- Do not allow children to play on or near equipment which is in need of repair or replacement, is incomplete or is otherwise considered unsafe as serious injury may occur.

Tools Needed:
1. Power Screwdriver
2. Digging Implements (however you plan to excavate)
3. Concrete (however you plan to mix and pour)
4. Level
5. Bracing (so the metallophone will not lean over while the concrete cures)
6. Flagging (we recommend securing the instrument from the public for 24 hours to allow concrete to cure)
7. Tape gun

Parts List:
1 - Resonated Metallophone (with holsters for legs)
2 - Mallets with Cables (attached)
2 - Legs (for in-ground installation) OR 2 - Portable Stands (for free-standing installation)
8 - 2” Screws
1 - Security Driver for Screws

Inspection:
Inspect instrument once per month or once a quarter:
- Play the instrument.
- Clean the instrument with soap and water if necessary. Remove trash or debris.
- Check the stainless-steel wire for fraying.
- Verify that the instrument is secured to the legs and ground.
- Inspect the mallets and cables attaching them.
1. Inspect instrument for damage during shipment. Lay instrument bar side down on the ground on some of the white packing foam.

2. Excavate two 10” diameter holes 36” deep and 13 3/4” on center at installation location.

Note: Contractor can modify legs (we recommend using a circular saw) to fit site.

Leg Length = [Desired Frost Depth (36” Recommended)] + [Finished Height Guideline for Age]

3. Place instrument carefully on ground with bars face down. Insert legs into leg brackets. Anchor legs to leg brackets with the eight 2” screws using the provided Security Driver. With another person, gently lower the instrument into the holes. Check the height from the middle of the bars to the ground—refer to finished height guideline.

Finished Height Guideline: (Approximate Height to Center of Note Bar)
Ages 3-5: 22”
Ages 5-7: 27”
Ages 7-11: 32”
Adult: 36”

4. Place the legs of the assembled instrument into the holes. Verify the correct placement of the instrument, level and plumb of the instrument, and height above grade, then pour concrete around the legs. Check that the instrument is plumb and brace the instrument assembly to hold it rigid during the curing process. Leave to set according to the concrete manufacturer’s guidelines.
Nature Explore Classroom resources are designed to bring children closer to nature and help them develop life-long learning skills. To ensure safety and effectiveness, please be sure to follow the instructions for installation, building codes, warnings, and maintenance. Failure to follow all of the instructions will void any warranty offer. Furthermore, even Nature Explore Classroom resources installed and maintained in accordance with the instructions can present hazards to children in the absence of adequate supervision.

Depending on the location and nature of the outdoor classroom, the supervisors may be paid professionals (full-time park or school/child care facility staff), paid seasonal workers (college or high school students), volunteers (PTA members), or the parents of the children playing in the outdoor classroom. The quality of the supervision depends on the quality of the supervisor’s knowledge of safe play behavior. Therefore, supervisors should understand the basics of safety in an outdoor classroom.

Outdoor classroom supervisors should be aware that not all equipment and items are appropriate for all children who may use the outdoor classroom. Posted signs or labels indicating the appropriate age of the users should be checked before play begins, and supervisors should direct children to equipment appropriate for their age. It is also very important to recognize that preschool-age children require more attentive supervision than older children do.

**Building Codes:**
Variations in building codes, specific local development covenants, or site conditions may require modification to the installation of the product. Outdoor classroom owners are ultimately responsible for complying with all applicable permits, building codes and other regulatory requirements, and should review their outdoor classroom with local building inspectors. All appropriate building permits should be obtained prior to starting installation.

**Liability:**
Nature Explore shall have no liability or responsibility for actions or inaction in connection with any Nature Explore item or any damage or liability that arises during the construction and/or use. Always read and observe all safety precautions provided by the Consumer Product Safety Council regarding toy safety, playground safety, and any other applicable programs. Likewise, always read and observe all safety precautions provided by any tool or equipment manufacturer consulted during installation.