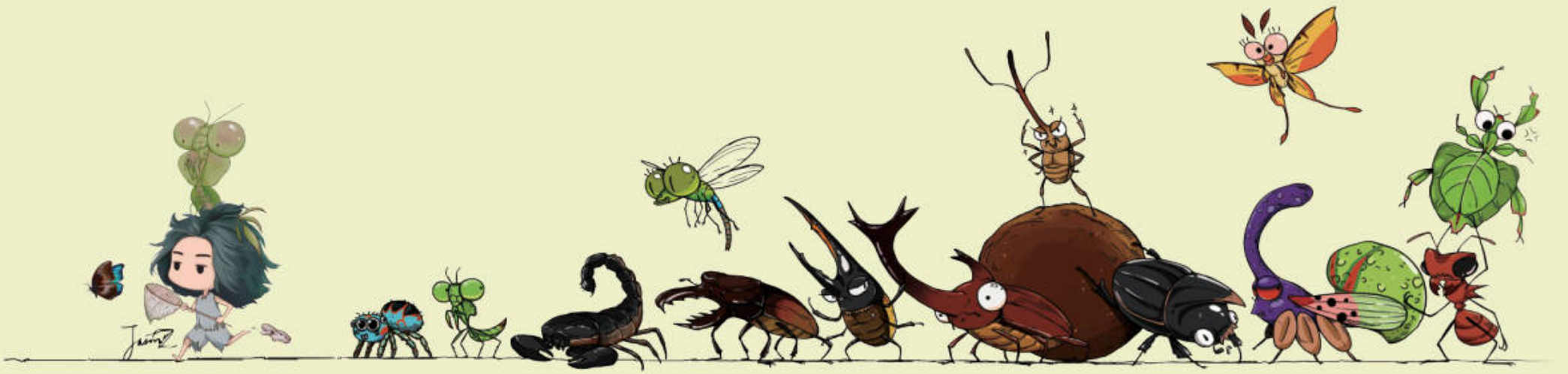
MAKEBUG

PRODUCT CATALOG

HANGZHOU SENLIN CULTURE DEVELOPMENT CO., LTD.





"I grieve that modern children can hardly embrace the beauty of nature as I did.
That's why Makebug was born -to help everyone connect with, understand, and love wildlife through safe, original paperart."



My Early Love for Nature

From an early age, I filled every spare moment exploring local green spaces to watch and draw insects.

Back then, there were no kid-safe, at-home ways tostudy wildlife; learning options relied on preserved specimens or frequent outdoor trips. This lack of accessible, harmless learning tools stayed with me and sparked my long-term vision.

Years of Wild Exploration

I have traveled to diverse natural habitats, documenting wildlife first hand through macro photography and detailed field journals.

Years of close-up observation made me keenly aware of the limitations of traditional nature-learning tools: specimen preparation harms animals, live animals are unsuitable for home observation, and ordinary toys-while fun-lack biological accuracy.

I realized there had to be a more nature-friendly alternative waiting to be discovered.



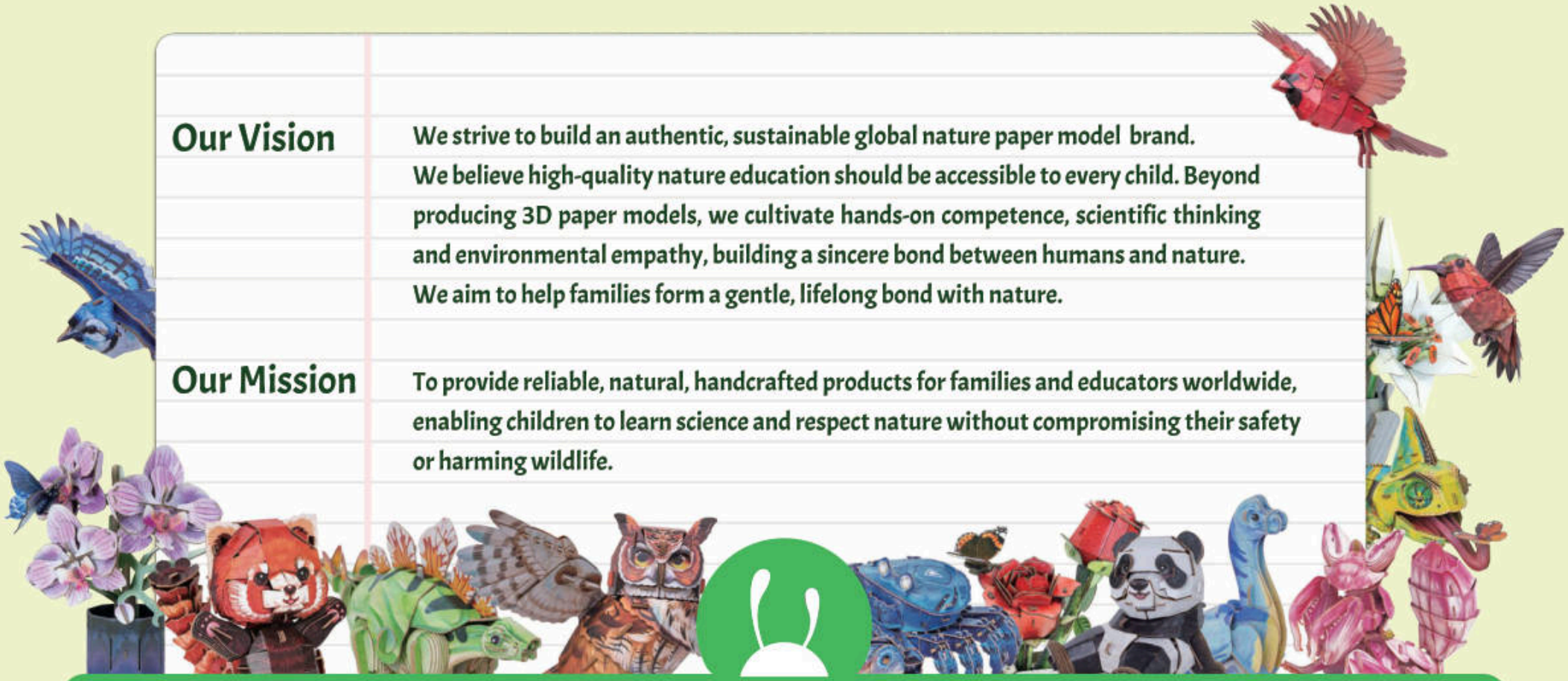
About Makebug

Our Vision

We strive to build an authentic, sustainable global nature paper model brand. We believe high-quality nature education should be accessible to every child. Beyond producing 3D paper models, we cultivate hands-on competence, scientific thinking and environmental empathy, building a sincere bond between humans and nature. We aim to help families form a gentle, lifelong bond with nature.

Our Mission

To provide reliable, natural, handcrafted products for families and educators worldwide, enabling children to learn science and respect nature without compromising their safety or harming wildlife.



Sustainable

Pure wood pulp paper
Biodegradable material
Cruelty-free product

Safe

Non-toxic material, rounded-edge craft, compliant with EN71 & ASTM F963, gentle for sensitive kids

Patented

In-house bionic structure, design patents, full independent intellectual property

Educational

Blend biology, engineering and art, turning assembly into intuitive scientific learning

Sustainability

Affordable and creative art pieces that do right by people and the world around us.



We craft eco-friendly, kid-safe 3D paper puzzles that spark endless wild curiosity!

Every single design is inspired by real wildlife and amazing natural ecosystems.
We bring affordable, patented STEAM kits that look out for kids and our planet alike.

FSC FORESTS® FOR ALL FOREVER



Our products are made from biodegradable cardboard and printed with vegetable-based inks.
They all last a very long time but, if a time ever comes that you no longer want them, they can also be recycled.

We work with the best suppliers that operate with transparency and integrity,
complying with international laws.

MAKEBUG

JOYJAM

The JoyJam Munch - Munch series skillfully blends cuddly aesthetics, interactive play and soothing sound effects. Featuring round, endearing little animal figures with wiggly tails and exclusive food - themed accessories, the products boast soft lines and bright, refreshing color palettes.

Press the button to hear authentic, comforting munching sound effects, full of thoughtful details and fun.

Doubling as an assembly model and a portable keychain, it keeps you company on - the - go and brings small, relaxing joys to everyday life.



MAKEBUG

JOYJAM

MB-D-0060



RED PANDA

Size: 74×48×99 mm
Shake its tail and favorite food, then press the button behind its head to hear its contented chewing sound.

21 PCS

MB-D-0061



TIGER

Size: 74×49×105 mm
Shake its tail and favorite food, then press the button behind its head to hear its contented chewing sound.

21 PCS

MB-D-0062



RABBIT

Size: 62×47×95 mm
Shake its tail and favorite food, then press the button behind its head to hear its contented chewing sound.

21 PCS

MB-D-0063



PANDA

Size: 66×47×85 mm
Shake its tail and favorite food, then press the button behind its head to hear its contented chewing sound.

22 PCS

MB-D-0064



SNOW LEOPARD

Size: 71×49×106 mm
Shake its tail and favorite food, then press the button behind its head to hear its contented chewing sound.

21 PCS

MB-D-0065



PEACH BLOSSOM

Size: 88×31×104 mm
Shake its branch and little bee pal, then press the button behind its head to hear it hum cutely.

34 PCS

MB-D-0066



RAINBOW

Size: 86×41×84 mm
Shake the bow and heart, then press the button behind its head to hear it hum cutely.

24 PCS

MAKEBUG

TINY

The Cute Creatures Tea-Party series is themed around heart-warming animal tea parties. It artfully combines the soft, adorable forms of little animals with a relaxing everyday vibe. Multiple models can be assembled together to build a cheerful mini tea-party scene.

All products in this series feature flexible articulating joints, allowing you to freely pose them in all kinds of playful stances.

Beyond the soothing, child - friendly cute design, the guidebooks introduce the real-life habits of various small animals. The set delivers multi-faceted experiences: assembly fun, scene-building play, and natural-science learning.



MAKEBUG

TINY

MB-D-0040



RED PANDA

Size: 122×74×97 mm
The tail can be flexibly bent; it can be switched between standing and sitting positions.

136 PCS

MB-D-0041



PANDA

Size: 77×74×97 mm
The sitting giant panda looks adorable; its head can be rotated; it can also be used as a mobile phone holder.

98 PCS

MB-D-0042



GIRAFFE

Size: 58×97×116 mm
The neck and hind legs can be rotated.

95 PCS

MB-D-0043



GOLDEN MONKEY

Size: 125×60×90 mm
The golden snub-nosed Monkey's tail can be bent flexibly and used as a hook; the head can swing left and right.

147 PCS

MB-D-0044



KOALA

Size: 80×55×100 mm
The koala's head can be rotated. The model includes a branch base, and the koala can be combined with it to play like a rocking chair.

105 PCS

MAKEBUG

DINO

Prehistoric Cute Beasts Series – Prehistoric Creature Paper Assembly Models
Developed around prehistoric creatures, this complete series features distinctive shapes and rich colors. With diverse interactive assembly options, it greatly enhances children's joy of hands-on exploration.

Backed by authoritative and rigorous popular science content, it helps children gain systematic and accurate knowledge of prehistoric creatures.



MAKEBUG

DINO

MB-D-0035



T-REX

Size: 103×46×77 mm
The T-rex's mouth could open and close, and its arms were also capable of movement.

59 PCS

MB-D-0036



BRACHIOSAURUS

Size: 108×56×114 mm
This dinosaur's neck can turn and move flexibly. Its limbs can also move freely.

94 PCS

MB-D-0037



SINOCERATOPS

Size: 122×62×85 mm
This dinosaur has a large head crest.
Its limbs can move flexibly.

98 PCS

MB-D-0038



STEGOSAURUS

Size: 121×54×70 mm
This dinosaur has prominent bony spines protruding from its back.
Its limbs can move flexibly.

87 PCS

MB-D-0039



JINYUNPELTA

Size: 135×60×53 mm
This dinosaur's tail can turn and move flexibly.
Its limbs can also move freely.

125 PCS

MAKEBUG

SKY ECHO

The wings are made of single - layer thin kraft paper, which highly recreates the natural feather structure of birds.

The wrap-around three - dimensional main body creates full - bodied shapes with rich layers and a strong stereoscopic effect. Adopting dynamic bionic styling, the models reproduce the vivid posture of birds about to take flight with fluttering wings.

Equipped with dedicated vibration - activated sound modules inside, each model plays the authentic call of its corresponding bird when gently shaken.



MAKEBUG

SKY ECHO

MB-D-0055



AMERICAN CARDINAL

Size: 86x195x182 mm
Showcasing the poised posture of a cardinal before flight.
It produces sound when shaken.

58 PCS

MB-D-0056



BLUE JAY

Size: 165x102x217 mm
Showcasing the soaring posture of a blue jay in flight.
It produces sound when shaken.

56 PCS

MB-D-0057



BALD EAGLE

Size: 137x120x237 mm
Showcasing the soaring posture of a bald eagle in flight.
It produces sound when shaken.

99 PCS

MB-D-0058



HUMMINGBIRD

Size: 190x121x150 mm
Flower-shaped base, showcasing a hummingbird feeding on nectar.
It produces sound when shaken.

86 PCS

MB-D-0059



GREAT HORNED OWL

Size: 111x193x136 mm
The head can rotate 360°, the wings can unfold.
It produces sound when shaken.

137 PCS

MB-D-0077



WOODPECKER

Size: 138×60×156 mm
Scene showing a woodpecker on a tree trunk; its head is rotatable, and
It produces sound when shaken.

99 PCS

MB-D-0078



COMMON KINGFISHER

Size: 126×152×150 mm
Scene of a common kingfisher catching fish; It produces sound when shaken.

62 PCS

MAKEBUG

DEEP JUNGLE

Delightful palm-sized paper-assembly models of diverse rainforest creatures.

Made of eco-friendly kraft cardstock, they feature fine natural camouflage patterns, cute cartoon proportions and bright cheerful colors.

Poseable joints allow flexible poses. Ideal as relaxing craft toys and decorative desktop pieces, showcasing the wondrous charm of rainforest wildlife through paper art.



MAKEBUG

DEEP JUNGLE

MB-D-0050



VEILED CHAMELEON

Size: 173x70x100mm
Showcasing the chameleon's predatoryposture with a replaceable "prey" on itstongue; the head can rotate left and right.

151 PCS

MB-D-0051



POISON DART FROG

Size: 101×75×69 mm
This vibrantly colored poison dart frog features an openable/closable mouth.

127 PCS

MB-D-0052



ORCHID MANTIS

Size: 107x122x106 mm
Multiple joints, such as the head, legs, and abdomen, can rotateflexibly.

159 PCS

MB-D-0053



RAINFOREST SCORPION

Size: 141x120x86 mm
Both the hind abdomen and tailstinger can swing freely.

98 PCS

MB-D-0054



JUMPING SPIDER

Size: 110x126x77 mm
Both the walking legs and abdomen canflexibly rotate.

80 PCS

MB-D-0074



CROCODILE

Size: 118x83x80 mm
The jaw can open and close, and the head is able to rotate left and right flexibly.

124 PCS

MAKEBUG

MECH

Created around deep-sea mecha themes, the series skillfully merges tough mechanical paint finishes and mecha structures with the appearances of various marine creatures. It also includes a matching Armour Workshop scene - building model.

All models in the series are equipped with flexible poseable joints for free adjustment into diverse poses. Exquisite decorative stickers and species popular - science guidebooks are provided. Beyond the cool creative mecha design, the guidebooks illustrate the real survival habits of marine life.

The products deliver multi - dimensional experiences combining assembly fun, scene construction and ocean-science enlightenment.



MAKEBUG

MECH

MB-D-0045



WHALE SHARK

Size: 182×115×56 mm
The tail can sway freely, and the mouth can open and close.

69 PCS

MB-D-0046



GREAT WHITE SHARK

Size: 166×100×73 mm
The tail can sway freely, and the mouth can open and close.

62 PCS

MB-D-0047



SPERM WHALE

Size: 172×54×50 mm
The tail can sway freely, and the mouth can open and close.

64 PCS

MB-D-0048



BELUGA WHALE

Size: 180×68×48 mm
The tail can sway freely, and the mouth can open and close.

80 PCS

MB-D-0049



STONE CRAB

Size: 137×122×68 mm
The crab claws and pincers can both rotate flexibly.

137 PCS

MAKEBUG

BRING NATURE HOME

This collection is themed around fascinating real - world animals from three major ecosystems: land, ocean and sky. It artfully integrates each animal's unique behaviors and fun lesser - known facts. Multiple models can be combined to build your exclusive little animal world.

The full series is packed with rich scientific details for you to freely explore and uncover diverse animal secrets. Beyond its child - friendly designs showcasing marvelous species, it imparts knowledge of animals' real - life habits, delivering multi - faceted experiences including cognitive exploration, imaginative scene-building and nature-science enlightenment.



MAKEBUG

BRING NATURE HOME

PACKAGE
BOX

MB-B-0009



SNOWY OWL

Size: 170×120×130 mm
The snowy owl can take a variety of postures by rotating its head and wings in different directions.

76 PCS

MB-B-0010



GREAT WHITE SHARK

Size: 460×220×150 mm
To recreate a real-life shark, we added multiple rotating structures. Our designer also gave this shark a realistic finish.

99 PCS

MB-B-0011



GIRAFFE

Size: 60×230×310 mm
Rotatable neck and legs. The giraffe's tongue is replaceable to create different facial expressions.

113 PCS

MB-B-0012



MACAW

Size: 104×91×310 mm
Multiple rotatable joints allow the model to perform different postures.

170 PCS

MB-B-0013



RED PANDA

Size: 160×90×140 mm
The model comes with multiple movable joints, enabling it to crawl and stand. Its layered large tail is flexible and bendable.

263 PCS

MB-B-0006



ARMADILLO LIZARD

Size: 130×120×140 mm
The armadillo lizard can curl up into a ball and bite the tail just like real ones do. It can be placed on a base.

81 PCS

MB-B-0007



PEACOCK MANTIS SHRIMP

Size: 310×160×90 mm
Rotate its forearms to recreate the punching motion of the mantis shrimp.

55 PCS

MB-B-0008



HERMIT CRAB

Size: 170×170×110 mm
The hermit crab can be removed from its shell and placed into a different container. You may also put the model back into the shell.

79 PCS



DRAGON

Size: 730×200×120 mm
The dragon's body and limbs are highly flexible; its mouth can open and close. Two distinct appearances (golden dragon and azure dragon) can be built via different assembly methods.

1599 PCS

MAKEBUG

BRING NATURE HOME

PACKAGE
ENVELOPE

MB-C-0001



ACTIAS MOTH

Size: 230×140×100 mm
The Actias moth can hover on the tip of beautiful crescents and any protrusions (fingertips, pen tips, desk lamps, etc.).

69 PCS

MB-C-0002



LEAF INSECT

Size: 230×130×230 mm
This model showcases the incredible camouflage of leaf insects. A hook on the back allows you to hang it on a stick.

35 PCS

MB-C-0003



TREEHOPPER

Size: 110×100×80 mm
This product features fancy appearances of various treehoppers from around the world.

69 PCS

MB-C-0004

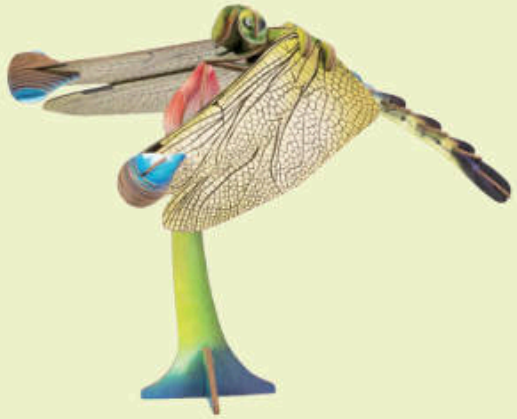


DEAD LEAF MANTIS

Size: 180×210×150 mm
The forelegs of the praying mantis rotate via an internal axis to create various poses (attack pose, threatening pose, etc.).

58 PCS

MB-C-0010



LESSER EMPEROR

Size: 154×135×126 mm
The dragonfly can be balanced on the tip of a lotus bud.

54 PCS

MB-C-0006



CHINESE LUEHDORFIA

Size: 120×80×60 mm
The butterfly can be balanced on the tip of the pupa.

21 PCS

MB-C-0007



HELENA MORPHO BUTTERFLY

Size: 120×80×63 mm
The butterfly can be balanced on the tip of the pupa.

21 PCS

MB-C-0008



COMMON GRASS YELLOW

Size: 116×80×63 mm
The butterfly can be balanced on the tip of the pupa.

21 PCS

MB-C-0013



GIANT ASIAN MANTIS

Size: 132×137×92 mm
The forelegs of the praying mantis are rotatable, and various postures can be adjusted.

53 PCS

MB-C-0014



ASIAN LADYBUG

Size: 60×80×40 mm
The wings of the ladybug can be opened and closed.

31 PCS

MB-C-0005



SEAHORSE

Size: 120×100×190 mm
The seahorse's tail is movable to create different poses, mounted on a beautiful colourful coral base.

58 PCS

MAKEBUG

BRING NATURE HOME

PACKAGE
ENVELOPE

MB-B-0001



HERCULES BEETLE

Size: 320×110×100 mm
This model features two life stages of the rhinoceros beetle. The cephalic horn of the adult can rotate at a small angle via the internal shaft.

70 PCS

MB-B-0002



HORNET & BEE

Size: 170×170×230 mm
In the wild, hornets often raid beehives, and the bees will fight back.

94 PCS

MB-B-0003



ORCHID MANTIS

Size: 200×190×100 mm
It has multiple movable body joints. Attach the wing parts to present its adult-insect form.

92 PCS

MB-B-0004



WEEVIL

Size: 180×140×50 mm
To recreate the weevil's rounded body, multiple layered parts are stacked, giving the model a full-bodied look.

93 PCS

MB-B-0005



LEAFCUTTING ANT

Size: 220×170×130 mm
We designed this leaf-cutter ant in tweezers shape. You can pick up small items with this specially-designed ant model.

76 PCS