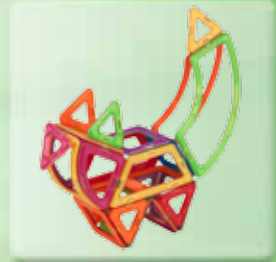


MAGFORMERS®

Intelligent Magnetic Construction Set For Brain Development



FOREST FRIENDS
idea booklet

Step-by-step instructions
for building 9 different
Magformers creations

POSSIBLE BUILDS

Bunny	Pages 4-5
Owl	Page 6
Bat	Page 7
Squirrel.....	Pages 8-9
Butterfly.....	Page 10
Skunk.....	Page 11
Duck	Page 12
Turtle	Page 13
Frog	Pages 14-15

PIECES INCLUDED



11 Squares



2 Trapezoids



2 Diamonds



2 Sectors



1 Super Arch



2 Mini Arches



2 Hexagons



2 Arches



2 Isosceles Triangles



2 Super Sectors



16 Triangles

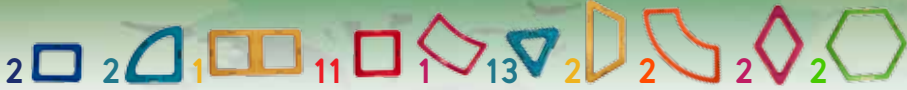


3 Rectangles

BOBBY THE BUNNY

Baby rabbits are called kittens!

PIECES REQUIRED:



STEP
1

Start by laying out the body of the bunny using 1 hexagon, 1 sector and 1 triangle.



STEP
2

Outline the body using 5 squares and 1 arch. There will be a gap.



STEP
3

Repeat step one on top of the outline to create a solid shape.



STEP
4

Lay out the back legs using 6 triangles and 3 squares. Lay out the tail using 2 triangles and 2 diamonds. Lay out the front legs using 2 squares, 1 rectangle and 2 trapezoids.



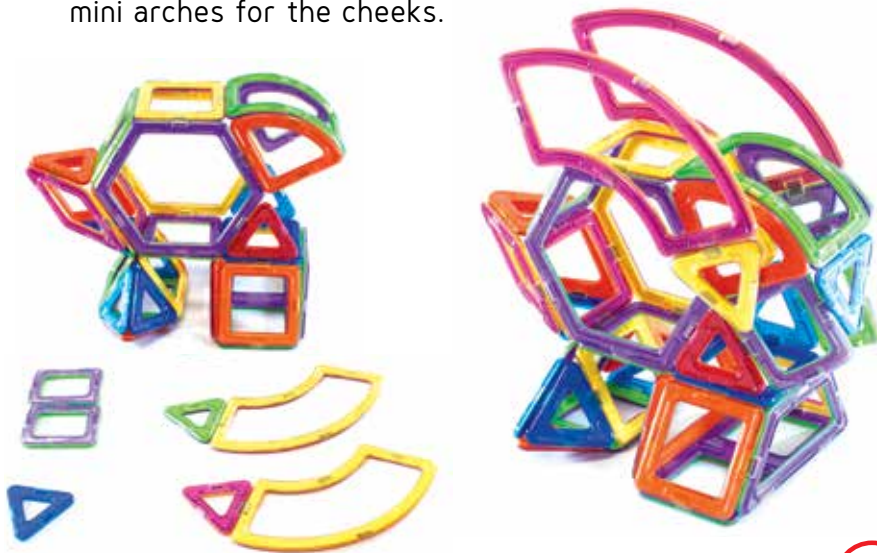
STEP
5

Pop up the legs and tail to form three 3D shapes.



STEP
6

Attach the tail to the back of the hexagon so that the diamonds point upward. Attach the legs to the bottom of the body. Connect 2 super sectors to 2 triangles for the ears and eyes. Attach 1 triangle to the end of the arch for the nose, and use 2 mini arches for the cheeks.



OLIVIA THE OWL

Owls can turn their necks 270 degrees!

PIECES REQUIRED:



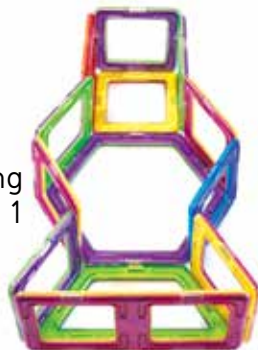
STEP
1

Create the silhouette of the owl using 1 square, 1 hexagon and 1 trapezoid.



STEP
2

Outline the silhouette using 9 squares and 1 rectangle.



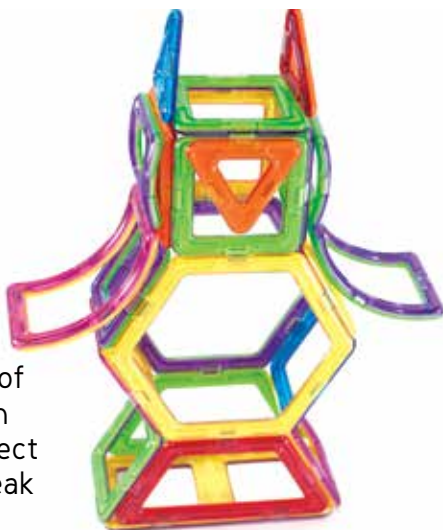
STEP
3

Repeat step one on top of the outline to create a solid owl body.



STEP
4

Add 2 mini arches to the sides of the head. Attach arches to each of the mini arches. Lastly, connect 1 triangle to the face for the beak and 2 for the head feathers.



BART THE BAT

Brown bats can catch 1,200 insects in one hour!

PIECES REQUIRED:



STEP
1

Lay out the bat's body using 6 triangles and 3 rectangles. Fold up the pieces to form a pointed 3D shape.



STEP
2

Lay out the two wings using 2 triangles, 1 diamond, 1 isosceles triangle and 1 trapezoid. Fold the pieces into a point. The loose triangle will help you connect it to the body.



STEP
3

Attach the wings to the front of the body. Add two triangles for ears and 2 sectors for the tail.



MAGGIE THE SQUIRREL

Squirrels love nuts, but also eat insects!

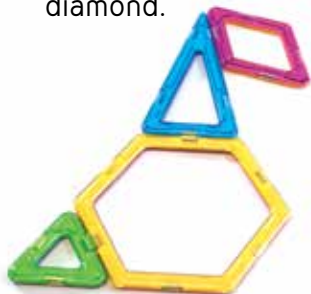
PIECES REQUIRED:



STEP

1

Create the silhouette for the squirrel body using a triangle, hexagon, isosceles triangle and diamond.



STEP

2

Outline the silhouette using 2 rectangles and 8 squares.



STEP

3

Repeat step one on top of the outline to create a solid shape.



STEP

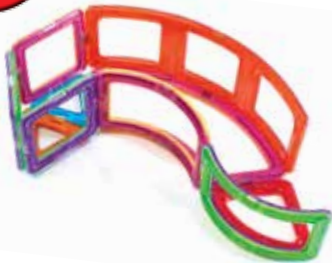
4

Create the tail using 2 triangles, 1 super sector and 1 sector.



STEP
5

Outline the tail using 3 squares, 2 arches and 1 super arch.



STEP
6

Repeat step four on top of the outline to create a solid tail shape.



STEP
7

Use 4 triangles to create a mini pyramid. Attach this to 4 more triangles for the squirrel's nut. Grab 2 trapezoids for the arms and 2 triangles for the ears.



STEP
8

Attach the trapezoids to the sides and the triangles to the head.



BETSY THE BUTTERFLY

There are more than 15,000 species of butterflies!

PIECES REQUIRED:



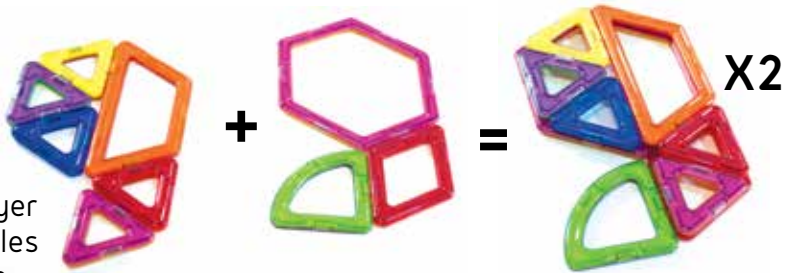
STEP 1

Lay out the butterfly body using 3 rectangles and 2 triangles.



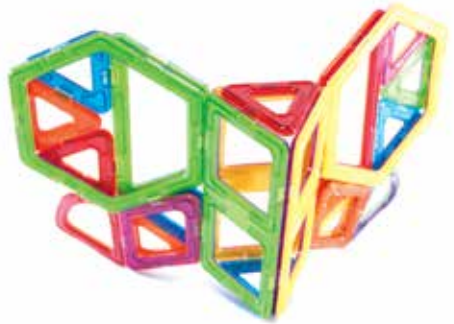
STEP 2

The wings will be assembled in two layers. The first layer is made of 5 triangles and a hexagon. The second layer is made of a hexagon, sector and diamond.



STEP 3

The wings attach to two corners of the body. Your butterfly can balance using the front of the body and the tips of the wings.



SALLY THE SKUNK

Skunks spray their smell to defend from predators!

PIECES REQUIRED:



STEP
1

Start by assembling the head using 2 sectors, 1 square and 1 arch.



STEP
2

Lay out the body using 3 squares, 2 trapezoids and 1 rectangle. Pull up from the middle square to form a 3D shape.



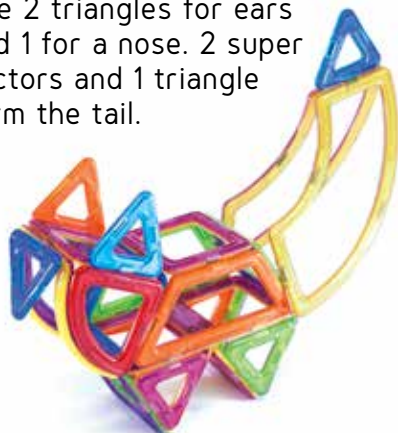
STEP
3

Lay out two legs using 2 triangles and 2 squares. Pop up into a 3D form.



STEP
4

Attach the head to the body and both legs to the base. Use 2 super sectors and 1 triangle for the ears and 1 for a nose. 2 super sectors and 1 triangle form the tail.



DAVEY THE DUCK

Duck feathers are waterproof!

PIECES REQUIRED:



STEP
1

Lay out the silhouette of the duck using 3 triangles, 1 hexagon, 1 trapezoid and 1 diamond.



STEP
2

Outline the silhouette using 3 rectangles and 8 squares.



STEP
3

Repeat step one on top of the outline to form a solid shape.



STEP
4

Complete the duck by adding 2 mini arches for the bill, 2 arches for the wings and 1 triangle for the tail.



TOMMY THE TURTLE

The largest species of turtle weighs over 2000 lbs!

PIECES REQUIRED:



STEP
1

Create the silhouette of the turtle using 2 triangles, 1 isosceles triangle, 1 sector and 1 super sector.



STEP
2

Outline the silhouette using 5 squares, 1 rectangle and 1 super arch.



STEP
3

Repeat step one on top of the outline to form a solid shape.



STEP
4

Lay out the two front legs using 1 diamond, 1 triangle and 1 square. Fold up into two 3D shapes.



STEP
5

Use 2 triangles for the eyes, 2 triangles for each back leg and 1 triangle for the tail.



FRED THE FROG

Frogs never close their eyes, even when they sleep!

PIECES REQUIRED:



STEP
1

Lay out the frog using 2 rectangles, 2 isosceles triangles, 2 squares, 2 diamonds and 2 trapezoids. Fold the outer edges into a 3D shape.



STEP
2

Assemble two legs using 2 squares, 1 sector, 1 arch and 1 triangle. Fold into 3D shapes using the triangles as the toes.



STEP
3

Assemble the two eyes using 2 triangles each. Lay out the back of the frog using 4 triangles. Use 2 mini arches and 2 triangles for the front legs.



STEP
4

Before attaching the front legs, attach two squares to the open gap on the body. Attach the front legs to the square. Connect the 4 triangles to the back. Attach the triangles to the sides of the diamonds as eyes. Finally, connect the back legs to the back of the body.



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