

Playtime

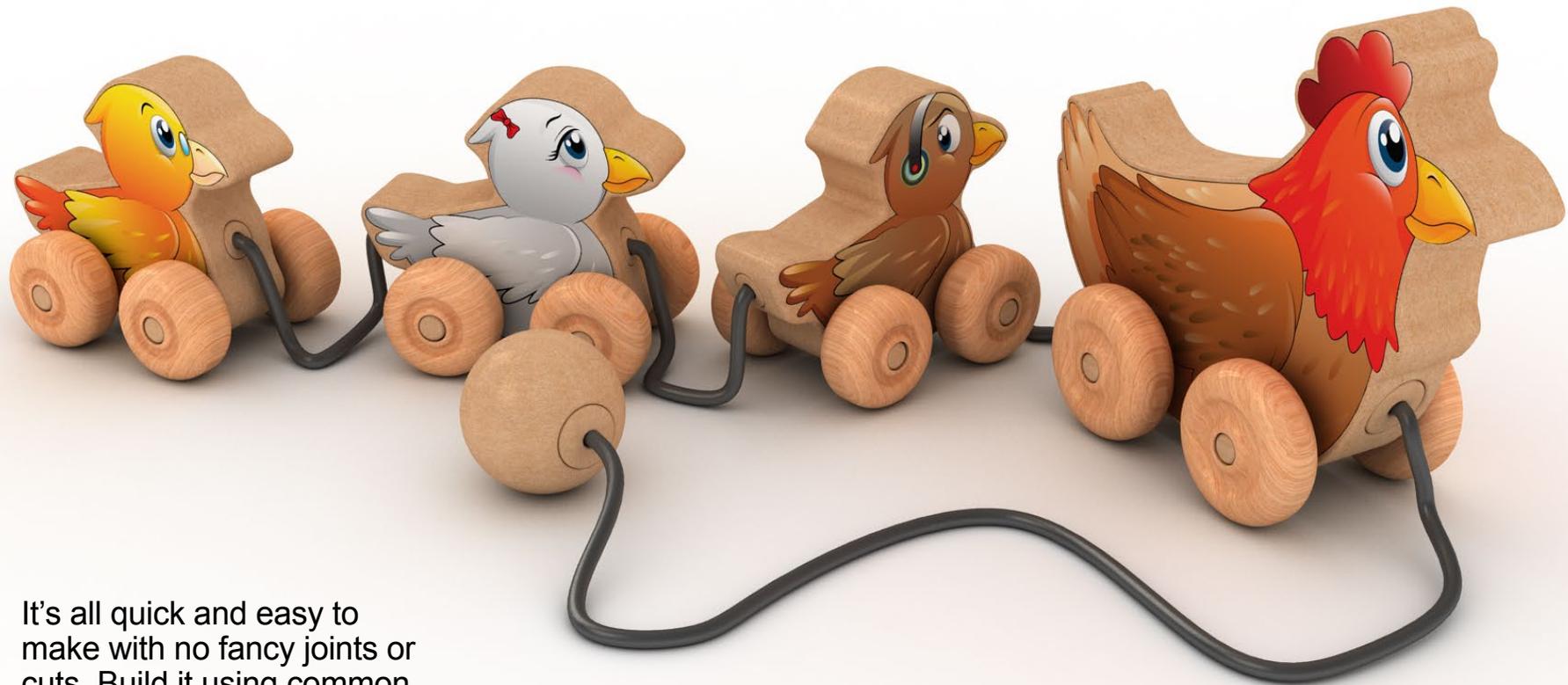
Henny Penny

Pull-Along

Design by
Ericson San Diego



ToymakingPlans.com © 2016



It's all quick and easy to make with no fancy joints or cuts. Build it using common tools and with easy to find materials and supplies.

1-7/8" W x 3-15/16" T x 4-5/8" L
1-7/8" W x 2-7/16" T x 2-11/16" L

FULL-SIZE WOOD TOY PLAN SET

Playtime

Henny Penny Pull-Along

How to attach color prints to toys using Mod Podge or thinned Carpenter's White Glue.

The complete set of exciting Image Art for this play set are included on pages 18.



Toy shown with optional split ball woobly wheels.

Mod Podge is a legendary decoupage medium which means it's an all-in-one glue, sealer and finish used to attach paper and fabric to wood and various other surfaces. It is available at almost any crafts store and on numerous websites. Mod Podge is our No Painting Required secret to quickly crafting high-quality wood toys using our original Image Art included in every plan set.

Can Elmer's or Carpenter's White Glue be substituted for Mod Podge Mat?

Yes, and with successful results. Mod Podge and any Carpenter's White Glue can be used for decoupage projects as a glue and a sealer. It is also a durable non-toxic product that is safe for toys. Both products create a long lasting and strong bond with the wood. When using Elmer's or any Carpenter's White Glue for decoupage,

thoroughly mix two parts white glue with one part water before applying the glue.

Is Mod Podge Mat waterproof and safe for children's toys?

Uncoated Mod Podge-Outdoors is a very water-resistant lab-tested product but it is not completely waterproof. Fabric Mod Podge can also be used to glue paper to wood and is completely waterproof, machine washable and quick drying.

Mod Podge is a combination of non-toxic water-base medium and acrylic and is safe for use on children's toys. Another way to make your project waterproof is to apply 2 or 3 coats of polyurethane clear finish over a completely dry Mod Podge or Carpenter's White Glue surface.

Mod Podge, Fabric Mod Podge and Mod Podge-Outdoors can be safely cleaned with a damp cloth. Mod Podge products are not food-safe formulas and should be avoided when making toys for teething children.

How do I create toys with such beautiful artwork and colors?

All you need is common Mod Podge and color inkjet or laser computer printouts.

How do I work with Inkjet versus Laserjet prints? First, remember this, Laserjet prints do not bleed when finishes are applied. Inkjet prints can bleed under certain conditions but that is easily solved and explained a little later in this article.

What paper should I use?

Use common uncoated printer paper. Coated paper can cause issues with the Mod Podge. Test all coated papers before applying them to a finished toy.

We prefer uncoated 24 lb. bright white laser paper. It costs only pennies more.

How to make successful Inkjet color prints that don't bleed.

Print the image onto the paper. Let it dry for ten minutes. Seal the ink by spraying both sides of paper with 3 light coats of a clear sealer like Krylon Crystal Clear. Let dry before proceeding. Brush on a thin coat of Mod Podge to both sides of the printed/sealed paper. Let dry. The printed paper is now ready to adhere to the wood using Mod Podge.

How to make successful Laserjet color prints. Laser prints require no sealer.

Laserjet prints require no preparation. Laserjet prints can be Mod Poded to the wood toys as soon as the prints are out of the printer.

How do I permanently apply the color prints to the wood toy parts?

First apply an even coat of Mod Podge to the back of the color print and also to the surface of the wood toy part. The coverage should allow you to visibly see an even spread of white Mod Podge that completely covers the surface. If the Mod Podge is clear in any area, that area has dried.

The wood surface and the color print back surface **must be wet** when you apply the color print. Apply Mod Podge to both the wood and paper surfaces. Each must be an even semi-transparent white color.

If there are clear spots on a surface it means that the Mod Podge has dried out and that the surface needs more Mod Podge. Dry clear spots will wrinkle when the print is applied.

Apply one to three seal coats of Mod Podge to the print and the wood surfaces. When the seal coat is dry apply one to three finish coats of water resistant polyurethane clear gloss. Let dry.

As soon as the toys are dry the toys are ready for active play.

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Make as many of each toy as you like. All of the wood toys in this plan set are royalty-free. You have the right to build any quantity of these toys for any reason.

ToymakingPlans.com is dedicated to providing you with the information and ideas you need to develop your skills as a toymaker. We welcome your comments and any suggestions about this collection of toy plans.

Email: support@toymakingplans.com

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Note to the Readers: Due to different conditions, tools, and individual skills, ToymakingPlans.com assumes no responsibility for any damages, injuries suffered, or losses incurred as a result of following the information published in this plan set. Before beginning any project review instructions carefully. If any doubts or questions remain consult local experts or authorities.

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PlayTime

Henny Penny Pull-Along



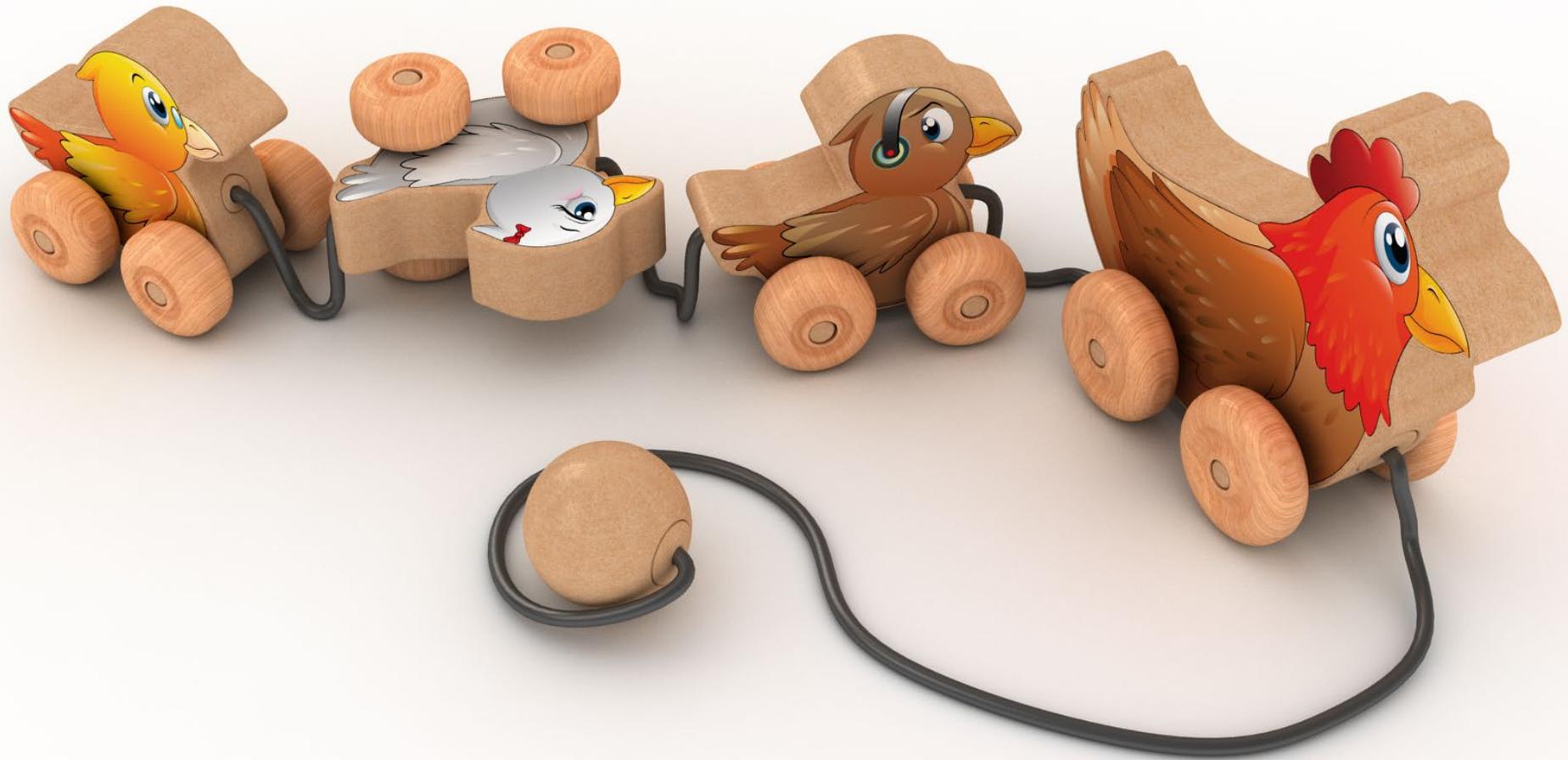
FULL-SIZE WOOD TO PLAN SET

Color & Natural Wood Pictorial Views	4-9
Parts, Patterns, Image Art Index.....	10-11
Assembly How-To's	12
Full-Size Plan Views and Patterns	13-16
Art Images	17

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.



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**SIDE VIEW
ACTUAL SIZE**



**TOP VIEW
ACTUAL SIZE**

Momma Henny

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

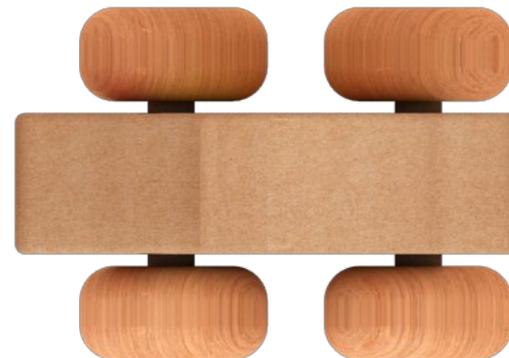


Baby Percy

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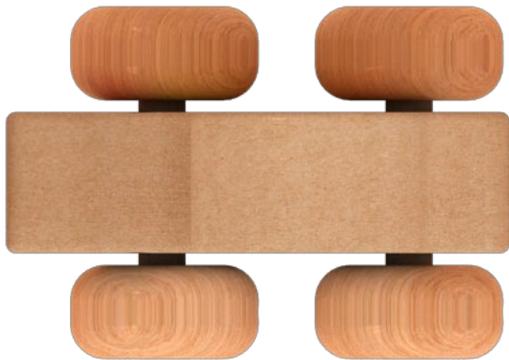


**SIDE VIEW
ACTUAL SIZE**



**TOP VIEW
ACTUAL SIZE**

**SIDE VIEW
ACTUAL SIZE**



**TOP VIEW
ACTUAL SIZE**

Baby Penny

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

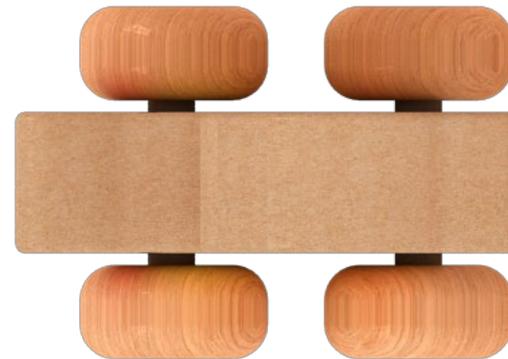


Baby Potsy

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.



**SIDE VIEW
ACTUAL SIZE**



**TOP VIEW
ACTUAL SIZE**

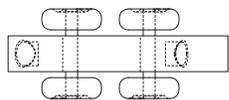
Playtime
Henny Penny Pull-Along

Toy shown with optional split ball woobly wheels.

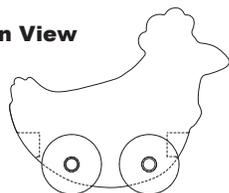


Patterns Index

Page 13

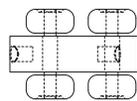


Plan View

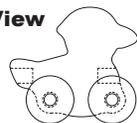


Momma Henny

Page 15

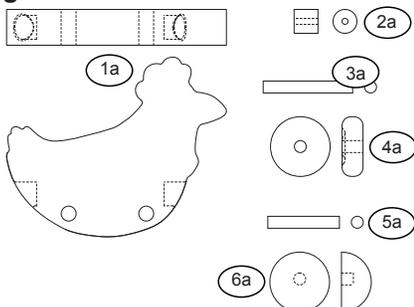


Plan View



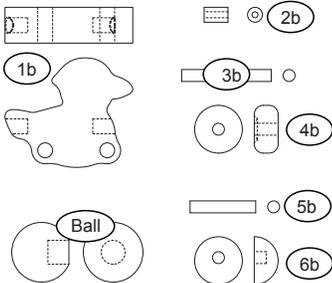
**Baby Percy,
Penny & Patsy**

Page 14



Momma Henny

Page 16



**Baby Percy,
Penny & Patsy**

Parts List

Momma Henny

- 1a. 3/4" x 3-3/4" x 4-5/8" make 1
- 2a. 1/2" Dia x 1/2" make 2
- 3a. 1/4" Dia x 1-7/8" make 2
- 4a. 1-1/4" x 7/16" x 1/4" hole buy 4
- a-cord. 1/8" Dia. x 16" Soft Cord make 1

Part 4a Wood Toy Wheels

www.craftparts.com
Part # TW1250 Buy 4
1-1/4" x 7/16" x 1/4" Hole

OPTIONAL WOBBLY WHEELS:

Part 6a Split Balls

www.craftparts.com
Part # CPB125 Buy 4
1-1/4" Split Ball x 5/8" thick

OPTIONAL WOBBLY WHEELS:

- 5a. 1/4" Dia x 1-1/2" axle make 2
- 6a. 1-1/4" x 5/8" Split Ball buy 4

Baby Percy, Penny and Patsy

- 1b. 3/4" x 2-5/16" x 2-11/16" make 3
- 2b. 3/8" Dia x 1/2" make 6
- 3b. 1/4" Dia x 1-7/8" make 6
- 4b. 1" x 1/2" x 1/4" Hole buy 12
- b-cord. 1/8" Dia. x 8" Soft Cord make 3
- Ball. 1-1/4" Round Wood Ball buy 1

Part 4b Wood Toy Wheels

www.craftparts.com
Part # TW1005 Buy 12
1" x 1/2" x 1/4" Hole

Part-Ball: Round Wood Ball

www.craftparts.com
Part # RB1250 Buy 1
1-1/4" Round Wood Ball for pull handle.

OPTIONAL WOBBLY WHEELS:

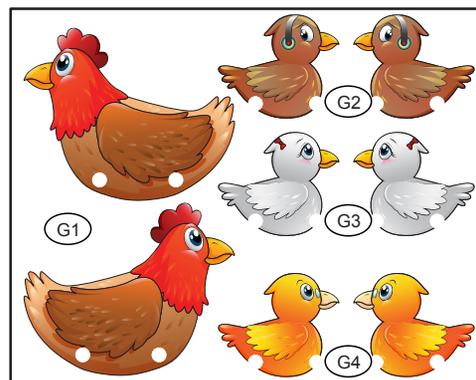
- 5b. Optional 1/4" Dia x 1-3/8" make 6
- 6b. Optional 1" Split Ball x 1/2" buy 12

OPTIONAL WOBBLY WHEELS:

Part 6b Split Balls

www.craftparts.com
Part # CPB100 Buy 12
1" Split Ball x 1/2" thick

Image Art Index



IMPORTANT NOTE:

For painted wood first apply 3 coats of color paint sanding with 300 grit paper between coats when dry. Image Art is then applied with Carpenter's White Glue mixture or Mod Podge. See page 2.

Finally, 2-3 finish clear coats are applied to the entire toy surface that are not sanded. If you sand lightly between coats take care to not sand through the clear coat to the paper image.

Momma Henny

Baby Percy

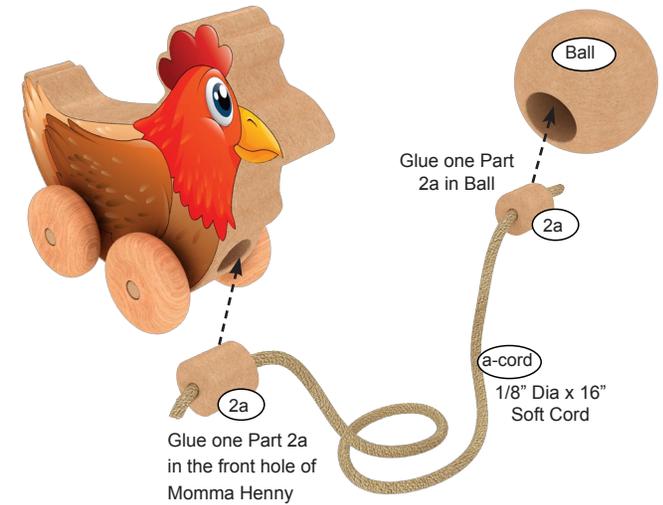
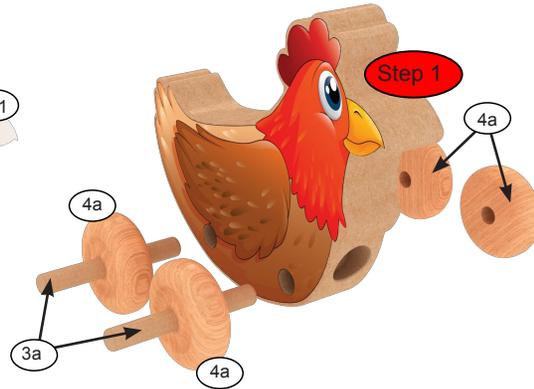
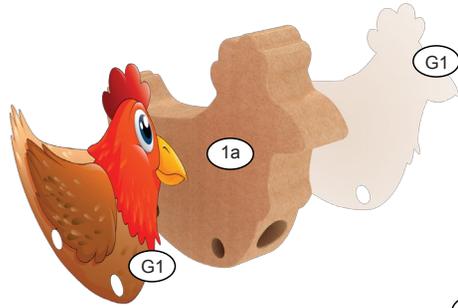
Baby Penny

Baby Patsy



Playtime
Henny Penny Pull-Along

Momma Henny



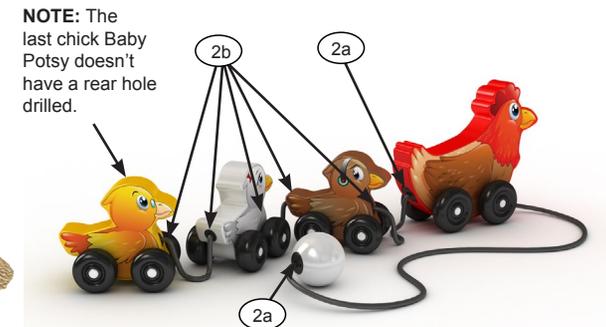
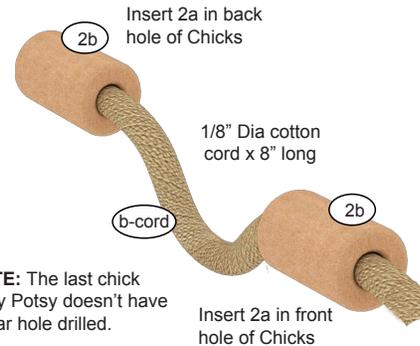
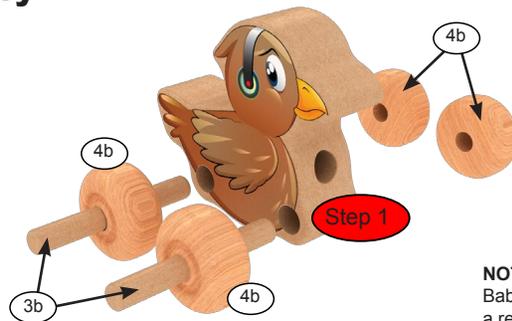
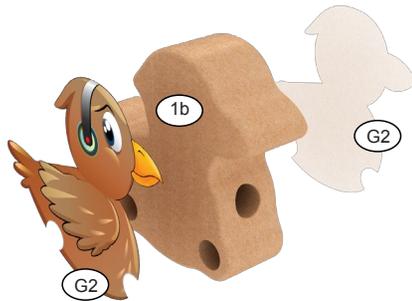
Step 1:
Using the Momma Henny Plan Views on pages 13 as a guide, glue Image Art G1 to both sides of Part 1a. Let assembly dry before proceeding.

Step 2 or use Optional Step 3:
Using the Momma Henny Plan Views on pages 13 as a guide, insert two Part 3a axles into Step 1 Assembly then glue four Part 4a wheels onto the ends of the two axles in a position that allows the axles to turn freely in the Step 1 Assembly. Let assembly dry before proceeding.

Optional Step 3 Wooble Wheels:
Using the Momma Henny Plan Views on pages 13 as a guide, you can replace the axles Part 3a with optional axles Part 5a. Then glue four Part 6a Split Ball Wheels to add wobble movement when playing.

Step 4 (Read First):
IMPORTANT: Insert and glue 1/8" dia. x 16" long pull-along cord thru two Part 2a's with 1/4" protruding on each end as shown. The extra length of cord stays in the bottom of the hole. Glue and press the Part 2a's tightly into the holes so the cord cannot pull out.

Baby Percy, Penny and Potsy



Step 1:
Using the Baby Chick Plan Views on pages 15 as a guide, glue Image Art G2 to both sides of Part 1b. Repeat for remaining two Baby Chicks using Art Images G3 and G4. Let assemblies dry before proceeding.

Step 2:
Using the Baby Chick Plan Views on pages 15 as a guide, insert two Part 3b axles into Step 1 Assembly then glue four Part 4b wheels onto the ends of the two axles in a position that allows the axles to turn freely in the Step 1 Assembly. Let assembly dry before proceeding. Repeat for remaining two Baby Chicks.

Step 3:
Insert and glue 1/8" dia. x 8" long connector cord thru two Part 2b's with 1/4" protruding on each end as shown. The extra length of cord stays in the bottom of the hole. Glue and press the Part 2b's tightly into the holes so the cord cannot pull out. Connect 3 chicks to Henny in this manner.

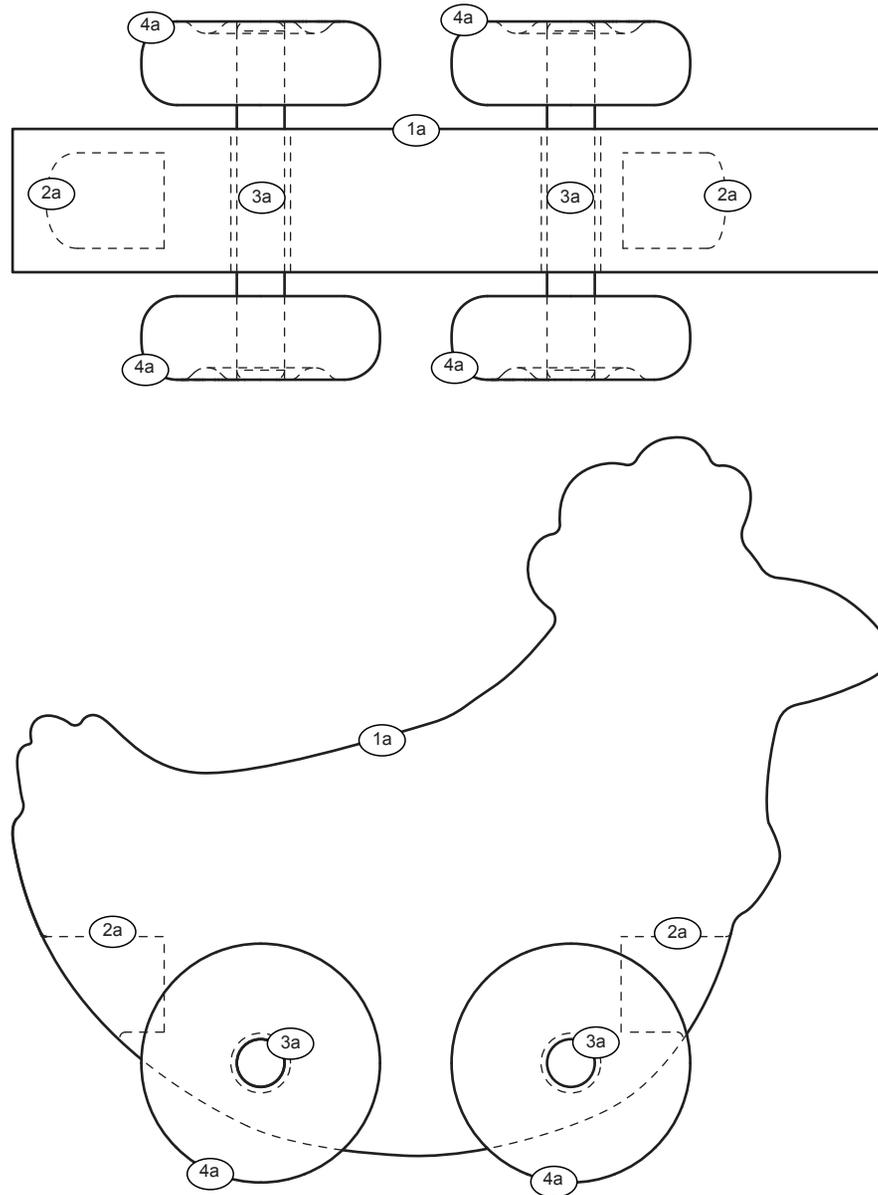
Step 4:
To complete connecting of the four toys, two Parts 2a with 16" cord are glued into pull-along Ball and the back of Momma Henny. Five Parts 2b with 8" cords are glued into the fronts and backs of the three chicks. **NOTE:** The last chick Baby Potsy doesn't have a backend hole drilled.



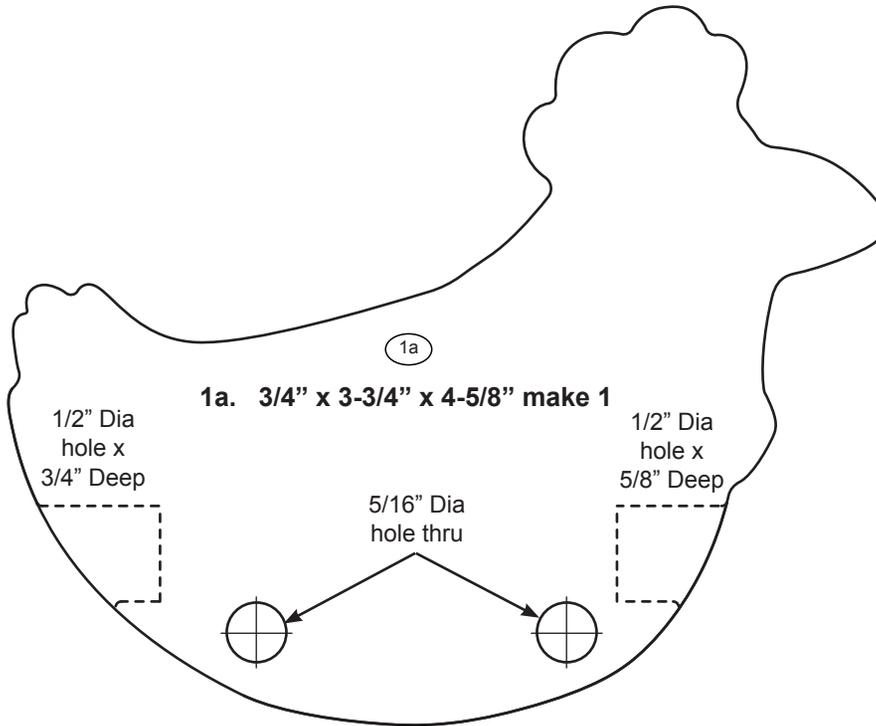
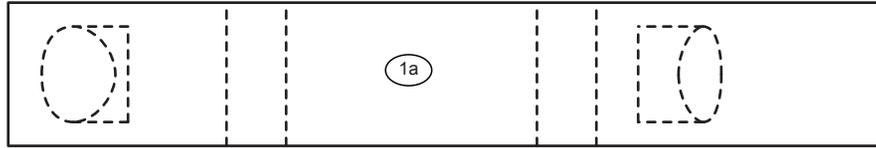
ATTENTION:

THIS FULL-SIZE PRECISION
PLAYTIME MOMMA HENNY
PLAN VIEW IS FOR ASSEMBLY
REFERENCE. INDIVIDUAL
PATTERNS AND ART IMAGES ARE
ON PAGES 14-17.

**MOMMA HENNY
TOP & SIDE PLAN VIEW**

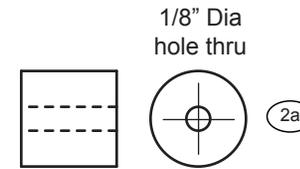


Patterns and Image Art are full-size.
We recommend first printing a single black
line pattern page as a test print to insure
your printer is set to print 100%. **Check your
printer printed size accuracy** by measuring
the printer scale on each pattern with a ruler.
If printed size of pattern is not 100% adjust
printer settings.



**a-cord. 1/8" Dia. x
16" Soft Cord
make 1**

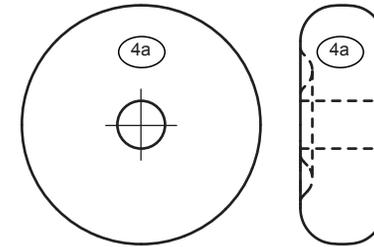
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2a. 1/2" Dia x 1/2" make 2



3a. 1/4" Dia x 1-7/8" make 2



4a. 1-1/4" x 7/16" x 1/4" hole buy 4

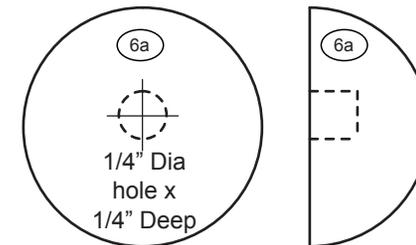
Part 4a Wood Toy Wheels
Momma Henny
www.craftparts.com
Part # TW1250 Buy 4
1-1/4" x 7/16" x 1/4" Hole

OPTIONAL WOBBLY WHEELS ALTERNATIVE

For a wobbly wheels effect replace Part 3 axles and Part 4 wheels with Part 5 axles and Part 6 wheel.



5a. 1/4" Dia x 1-1/2" make 2



6a. 1-1/4" Split Ball x 5/8" buy 4

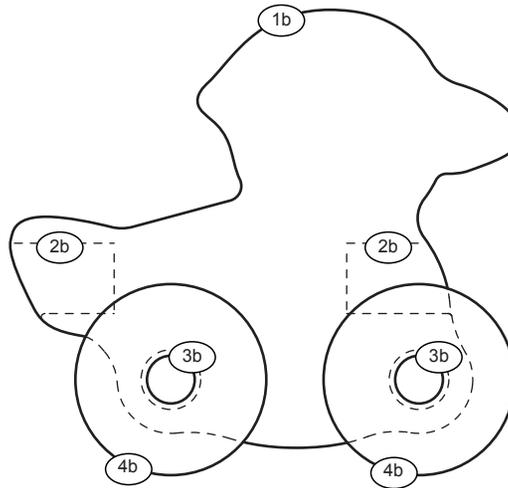
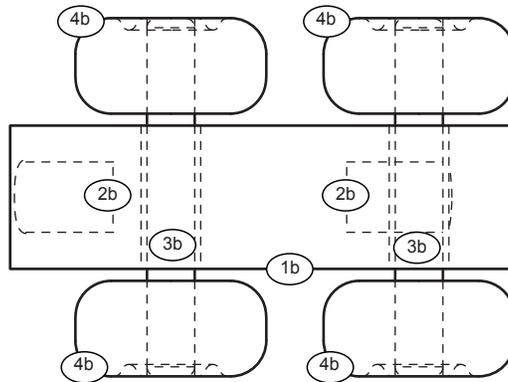
Part 6a Split Balls www.craftparts.com
Momma Henny - Part # CPB125 Buy 4
1-1/4" Split Ball x 5/8" thick



BABY CHICKS TOP & SIDE PLAN VIEW

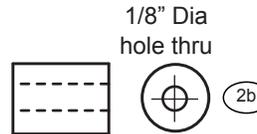
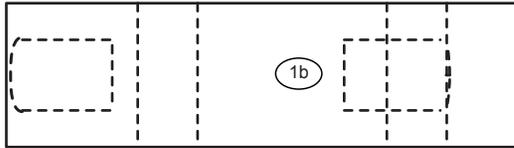
ATTENTION:

THIS FULL-SIZE PRECISION
PLAYTIME BABY CHICK PLAN
VIEW IS FOR ASSEMBLY
REFERENCE. INDIVIDUAL
PATTERNS AND ART IMAGES ARE
ON PAGES 16 & 17.



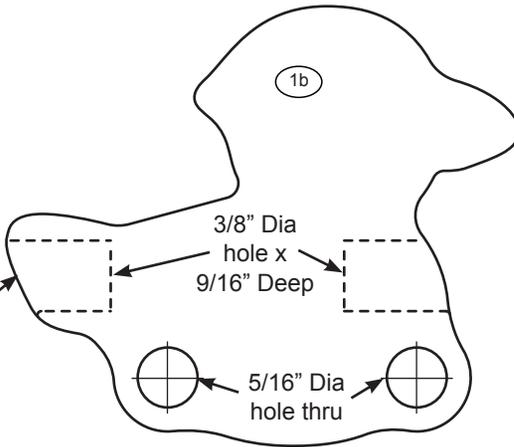
Patterns and Image Art are full-size.

We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



2b. 3/8" Dia x 1/2" make 5

Patterns and Image Art are full-size. We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

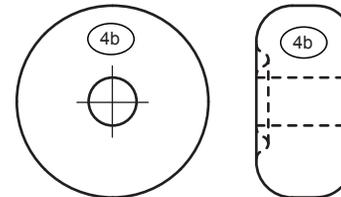


1b. 3/4" x 2-5/16" x 2-11/16" make 3

NOTE: Do not drill rear hole in the third or last chick (Baby Potsy) at the end of the toy.



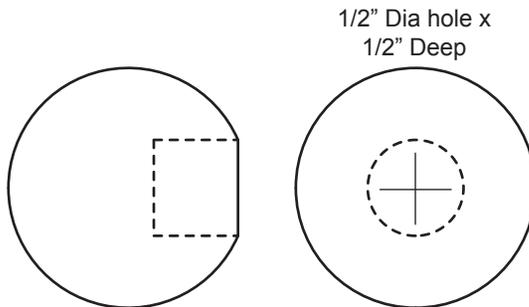
3b. 1/4" Dia x 1-7/8" make 6



4b. 1" x 1/2" x 1/4" Hole buy 12

Part 4b Wood Toy Wheels
Baby Chicks
www.craftparts.com
Part # TW1005 Buy 12
1" x 1/2" x 1/4" Hole

Ball - Round Wood Ball
www.craftparts.com
Part # RB1250 Buy 1
1-1/4" Round Wood Ball



Ball. 1-1/4" Round Wood Ball buy 1



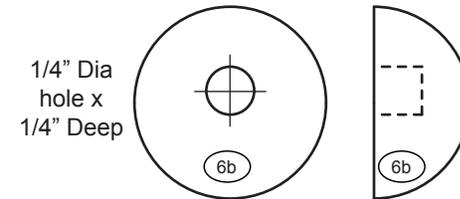
b-cord. 1/8" Dia. x 8" Soft Cord make 3

OPTIONAL WOBBLY WHEELS ALTERNATIVE

For a wobbly wheels effect replace Part 3 axles and Part 4 wheels with Part 5 axles and Part 6 wheel.



5b. 1/4" Dia x 1-3/8" make 6



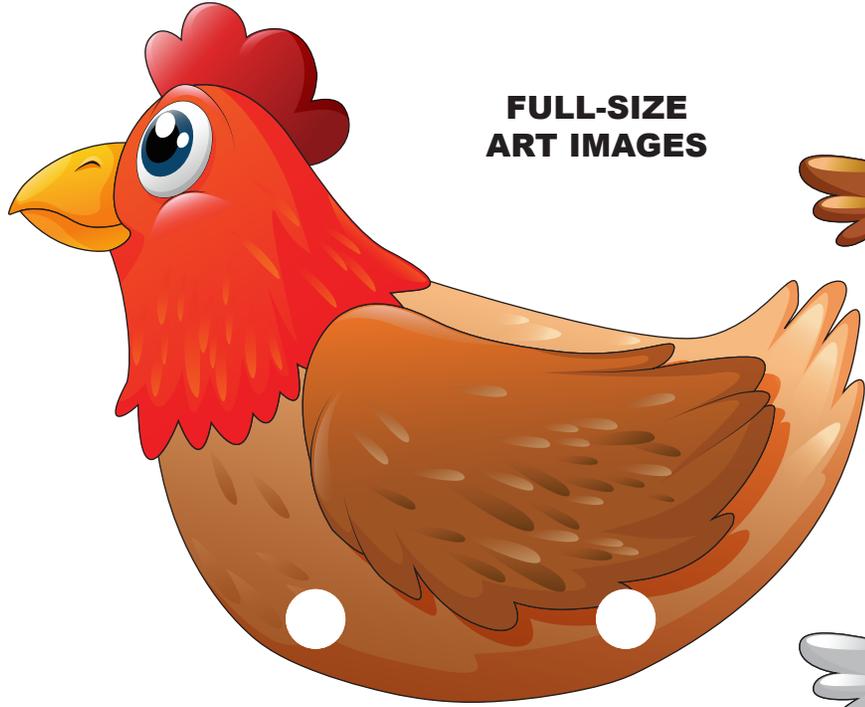
6b. 1" Split Ball x 1/2" buy 12

Part 6b Split Balls www.craftparts.com
Baby Chicks - Part # CPB100 Buy 12
1" Split Ball x 1/2" thick



ACTUAL SIZE

**FULL-SIZE
ART IMAGES**



G1

**Momma
Henny**



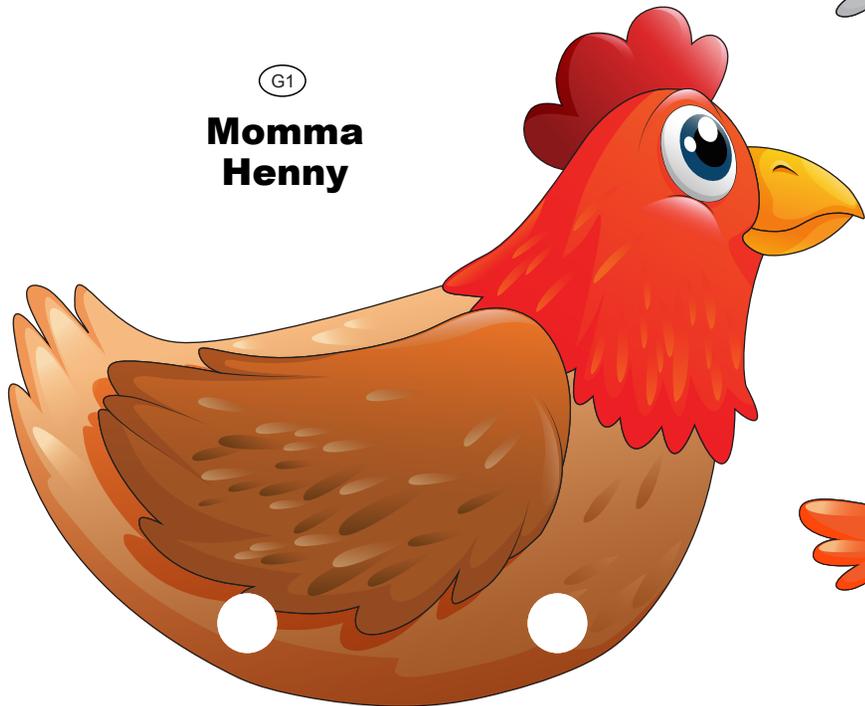
G2

**Baby
Percy**



G3

**Baby
Penny**



G4

**Baby
Potsy**

