
Haccorern


20 assorted building pieces, one 8" x 8" roof section, and dozens of accessories.

## Easy to assemble.

## Fold them flat, store them safely, and set them up again for the next game!

These castles are heavy cardstock, die-cut and pre-scored to make them easy to build. They're designed to fold and unfold without damage, so they're totally portable, and store in a very small space. When the game's over, just fold 'em up and go!
This set continues the Cardboard Heroes tradition of great miniatures and accessories at a low price. The buildings in this package can be assembled either as a walled castle or as a huge, solid Keep. And you can add sets to make your fortress the envy of the surrounding kingdoms!


STEVE JACKSON GAMES

## Instructions for the PDF Version

Thank you for purchasing this digital version of Cardboard Heroes Castles: The Keep. The instructions beginning on the next page were for the print version of this product, but they're still vital for this project. However, here are some additional tips for printing and assembling this at home. Because the pages are oversized, this PDF set is not for the faint of heart!

## Printing

The Cardboard Heroes Castles pages were all originally double-sided on oversized sheets. Unless you have access to an oversized printer, you'll need to print and assemble these in pieces. The easiest method is to print them onto cardstock using the Poster printing method (in Adobe Acrobat Reader), under Page Size \& Handling. This will result in pages that need to be connected - ideally with clear tape - to form larger sheets. Alternatively, you may print on regular or photo paper and attach them to larger sheets of poster board or cardstock.

Although the sheets were double-sided, that may not be strictly necessary depending on your needs. If you do want the double-sided artwork on your pieces, beware that most home printers aren't accurate enough to line up printed sheets. One possibility is to print out the second side on shipping labels, which are available as two labels per sheet or even one label per sheet. Then you can stick the backside to the cardstock you printed. If you want to line it up more accurately, you can use a light table (or even a tablet computer with the brightness turned up) to shine through the cardstock and give you an idea where to put the sticker sheet.

As a final idea, it's possible to print out sheets piecemeal. Our files are not copy-protected, so you can extract images or copy/paste as you would find useful in your own software suite. However, as an option that's freely available for many computers, you can take a snapshot of the piece you want to print, then print that. In Adobe Acrobat Reader, select Edit > Take A Snapshot; then select File > Print and choose the layout option you want. Note that you may still need to use the Poster feature of printing if the piece is larger than a single sheet of paper.

## Cutting

The original print version of this item was die cut and scored. Unfortunately, you'll need to do that yourself. Fortunately, it's not as complicated as printing!

All the black lines are cut marks. Use scissors or a sharp utility knife to cut the cardstock completely.

All the dark-gray lines are score marks. Using a ruler as a guide (if possible), lightly press grooves along those lines using a narrow, dull object (such as a ballpoint pen that's run out of ink) to make the cardstock bend at those parts.

## Assembly

Once you have your pieces cut out and scored, putting it all together should be straightforward. Just follow the original instructions, which begin on the next page.

Good luck; your castle awaits!


Instructions
If you can bring yourself to read all the way through the instructions before you even start to punch out the pieces, you will build a better castle . .

And if you go to sjgames.com/heroes/castles/st_tips.html and read the assembly tips, it will help even more!

## Preparation

Everything here can be done by one person. Having said that: It's more fun with family or friends.

## Tools and Supplies

You'll need glue. We recommend plain white glue. It's also good to have tissues or a damp sponge ready, in case of spills or excess glue.

You don't need scissors. All the pieces are die-cut and have the fold lines already in place. However, a metal straightedge is useful for starting the folds, and a hobby knife may be useful to cleanly separate pieces from the cardboard sheet.

Punch the pieces out carefully so you don't accidentally start a tear. As you punch out each piece, you should fold the fold lines gently both ways. This will help keep the paper from tearing later.

We suggest you do one building at a time until you get the feel of it, and that you start with a small tower and work up to the bigger pieces.

## Glue Is the Mortar for Your Castle Walls

Areas to be glued are white, and have matching letters - so, for instance, you will start each building by folding and gluing A to A1. Do the letters in order for each building.

Do not overglue! Put glue only on the white areas. There are places where cardboard touches cardboard but should NOT be glued together . . . so use glue sparingly and only where indicated. (The rectangular bits of cardboard that are punched out of the castle crenelations are good tools for spreading glue thinly.)

The less glue you use, the more quickly it will dry.
The more precisely you glue your buildings together, the better they will look and the better they will fold and unfold. This project is not rocket science . . . but if you are careful, you'll like the results more.

## Weight and See

Remember: The finished buildings will fold completely flat. So at each stage in the gluing, you should be able to press the building flat under (for instance) a phone book while the glue dries . . . and we suggest that you do that, so the glue will hold well. This cardboard is strong, and you'll need serious weights to keep it folded flat while it glues. (If you happen to have non-marring hobby clamps, you can use them. Or you can use office binder clips and cloth padding. Don't use paper clips; they'll scratch and scar the slick surface.)

If you ever reach a stage where you can't make your building lie completely flat, something has gone wrong!

## Initial Assembly

We strongly suggest that you do the pieces in order, starting with the small tower, which is easy. The wall would be hard if you started with it, but not very hard if you have worked up to it by doing the towers first.
(If you have already assembled Cardboard Heroes Castles: Walls and Towers, everything works the same way. In fact, we recycled a lot of photos from the first set.)

## Small Tower Assembly

Punch out a small tower. It is a single piece. (The set includes eight small towers.)

Start by folding down the top of one wall and gluing A to A1. Repeat with the other wall top, gluing B to B1. Let these dry before proceeding.

Then place the tower so the folded-down wall sections are on the inside. When it's right side up, you will see a square of dark brown wood pattern in the middle of the tab at the top (this will become the inside of your roof).

Fold the whole tower in half, with the left half coming down onto the right half. If the C 1 tab is folded under, it will match up with the white space marked C. Make sure that the bottom of the tower is a straight line, adjusting your fold as necessary, and glue C to C 1 .


Weight it well and and let it dry. Know how long your glue takes; don't rush it.
That's all the gluing you need to do. You've still got a tab sticking up at the top - see under Setup, below, for the next step, but wait till it dries!

## Medium Tower Assembly

Punch out the medium tower. There are two pieces: the walls, and the roof. (The set includes four medium towers.)

Start by gluing the tower roof to the wall piece, matching A to A1. Be sure the edge of the roof lines up perfectly with the fold on the wall piece, and don't glue over the fold itself! Weight this and let it dry.

Now fold tabs B, C, and D down, and glue the three white spots to $\mathrm{B} 1, \mathrm{C} 1$, and D 1 , respectively. (Note that tab B is longer, and has a slot in it. NO GLUE goes on the bottom of that tab - put glue only on the white spaces. That slot will be what holds the roof in place when the tower is assembled!)

When B, C, and D are glued down, weight
 it and let it dry.

Now fold the tower around on the vertical folds so the base is square. The folded tabs should be inside. Glue E to E1. Be precise - match up the little "arrowhead" cutout at the top of the tab, and make sure the edges line up at the corner of your tower! Weight it well and let it dry. After it dries, you can set it up (see below).

## Large Tower (Low) Assembly

Punch out the large tower. There are two pieces: the walls, and the roof. (The set includes four large towers.) This is actually the "low" large tower, because it's shorter than the large tower in the "Walls and Towers" set.
Now proceed as for the medium tower.
After the tower is assembled and has dried, fold back the pieces on either side of the doorway to suggest pillars.

## Wall (High) Assembly

Punch out the wall. Each wall is made from a single huge piece. (The set includes four walls.) This is actually the "high" wall, because it's taller than the wall in the "Walls and Towers" set.

First, fold and glue the three tabs at the top of the tower: A, B, and C. Weight these and let them dry. These are big tabs, so you may have to allow longer for the glue to dry.

Next, set the wall piece so the inside of the wall faces up. (The inside of the roof is wood, and the outside is stone, so you should be able to see a big area of wood on the top right of the piece.) Fold the whole right half of the wall piece over so that D1 matches D. To make them match, you will also have to fold on the line that runs right between the second and third bricks in the arch. When you have them matching properly, glue D to D1. Weight this and let it dry. (After you've done this a couple of times, you can do this and the next two steps together.)
Next, fold E so it matches
 E 1 , glue, weight, and let dry.
Next, fold F around to match F1. This is the mirror image of what you built with D and D1. Glue, weight, and let dry. That's it.

## Tower Support Assembly

There are two sizes of tower support: large and small. Only the bases are different; the "arms" are the same. Pick an X and Y arm and glue them to X1 and Y1 on the support base. That's it. There are four large supports and four small ones.

## Flag Assembly

Toothpicks, florist wire, very thin dowels . . . they'll all do for flagpoles. Glue the flags to the poles, let them dry, and then stick the flagpoles into any appropriate fold on a wall or tower. Flags are provided in four different colors; pick the ones you like.

## Setup and Takedown

You've finished the steps above, and given the glue time to dry. Now you can assemble your castle!

## To Set Up Walls and Towers

(1) Open up the base. The towers have a square "footprint," while the walls are very, very flattened hexagons, 6 " on the long sides.
(2) Fold the roof down. On all buildings except the small tower, the roof piece has a tab that fits into a slot on the opposite wall, making it strong enough that you can deploy miniature figures on top. On the small towers, the roof tab just goes all the way to the tower floor and braces it that way.

## To Take Down Small Towers

(1) Push down on the roof until the roof piece lies flat against the inside wall.
(2) Gently "squash" the tower flat.

## To Take Down Other Towers and Walls

(1) Take the roof tab out of the slot and unfold the roof.
(2) Gently "squash" the building flat. With the roof unfolded, this should be easy, but make sure you're not accidentally catching part of the roof as you squash the walls.

Note also: When you fold a tower, you should fold it so that the glued corner is folded flat, rather then ending up at an edge. That makes your tower less likely to pop apart.

## Storage

We suggest storing the flat walls and towers in a box or heavy envelope, and using a smaller envelope or a ziplock bag to hold all the doors, flags, and other bits.

## Castle Design

The walls and towers will fit together in many different ways. Here are a few basic suggestions.

- A square indicates a large tower.
- A long hexagon is a wall.

Black pieces are tall (5 5/8"), and outlined pieces are short (4 $1 / 8^{\prime \prime}$ ).
The gray square indicates the $8 " \times 8 "$ Keep roof.


Basic Keep: Four walls and the roof.

Keep with towers at the corners.



By combining one Walls and Towers set with one Keep set, you can put a lower wall in front of a higher one. Here are two examples.


## Using the Roof

The roof piece is a single flat square of cardboard, 8 " on a side If the four high wall sections are placed together in a square, the roof fits neatly on top ... giving you a solid stone Keep! See the picture on the back page.

## Stacking the Towers

All the towers are notched, so they can be placed atop other buildings, fitting over the crenelated wall.


So, for instance, any tower can be placed on a castle wall, or small towers can sit atop large ones. You can use a tower to lock two wall sections together.

The small towers look especially good on the corners of the large towers.

## Tower Support Pieces

There are separate tower
 support pieces for the large and medium towers, to be used when the tower is placed atop another piece. In a real building they might be structurally necessary, but here they are mostly for looks and you can omit them if you like. Pictured is a medium tower, first with the support piece going on and then with the support in place.

Put the support on the bottom of the tower before folding the tower roof
 down. Then place the
 tower atop another piece. The support goes on the side of the tower opposite the door, unless you mean to have a door that leads into thin air.

To use the support, fold its base into a U shape. The small tabs on the base will go inside the tower. The "arms" of the support go outside the tower and fit into the slots.

## Door Covers

The door covers are the large arch-shaped pieces with two tabs on the sides. They can be used to cover the archways on the large towers and the drawbridges on the walls (after all, not every section of wall needs a drawbridge). You can choose door covers that depict a smaller door, an iron portcullis, a carved skull or dragon, or a blank wall.

## Window Covers

The window covers are the 1 " by 2 $3 / 8$ " pieces with tabs at top and bottom. They can be used to cover the buildings' arrow slits to change their appearance; just put the tabs through the slits. Some show blank walls; others show larger windows, gargoyles, and doors.


These can also be used on the
ground floors of the walls and large towers. To attach them there, put the top tab through the upper slit, and fold the bottom tab under the building through the notch at the base of the wall.

## Banners

The banner piece is meant to be folded and draped over the battlements. The banner itself goes between the crenelations, while the "stick" goes on the inside and holds it in place. Banners are two-sided - fold each one to show the colors you choose.


## Customizing and Finishing Touches

If the white color of the exposed cardboard edges displeases you, use the a gray marker, or the side of a pencil lead, to turn these edges gray.

Trace the outline of a window cover onto white cardboard and you can make your own covers. You can show battle damage, your favorite character looking through the window, or whatever you like.

Create your own flags to match the banners and livery of your own miniatures army.

The stone pattern on the building roofs matches the pattern of the Cardboard Heroes Dungeon Floors. This is not a coincidence. Have fun!

## Send Us a Picture!

If you have an amazing castle layout, or a great new floor plan, send us a picture at webmaster@sjgames.com! We'll post the best ones on our web pages.


## Troubleshooting

The top layer of the cardboard is splitting at the corner of a tower! Immediate fix: Pencil lead or gray marker will hide it.
To keep it from happening again: Fold gently but firmly on all the score lines before you start gluing things together, to make the cardboard more flexible.

## The walls and towers are falling over when bumped!

Obviously you've already thought of "quit bumping them" and "don't make top-heavy buildings." If you're still having problems, a couple of large paper clips down at the bottom, to attach ground-floor walls and towers to their neighbors, will create a wide and stable base. You can also use "poster putty" to stick pieces together and to add weight at the bottom.

## The glue popped loose!

This may be caused by weak glue, by using too much glue, or by insufficient drying time. It can also happen if, when you fold up your buildings for storage, you fold it on the glued corner. It's better to leave the glued corner flat.

## This Set Includes:

5. Four high wall sections

F One 8 " square roof piece
6. Four large low towers
5. Four medium towers

F Eight small towers
4 And dozens of flags, alternate doors and windows, and other pieces to let you customize your castle!

Die-cut and scored for easy assembly. For ages 12 and up.

With a single set, you can build:

* A large, solid Keep, 10" across, or
* A high-walled open castle, or
- Three linear feet of walls and towers!

With multiple sets, you can create the mightiest fortress you can imagine . . . The Walls and Towers set is also available for even more variety!

This set stands alone . . . but it's also designed to work with the first Cardboard Heroes Castles set, Walls and Towers. The stone design is the same. The flags and banners are different, so now you have eight different flag colors to choose from.
In this set, the walls are as high as the towers were in the first set . . . and the large towers are lower, the same height as the walls in the first set. This gives you a lot of design possibilities when you mix the sets!

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For more photos, including assembly tips from John Hollis, visit the Castles website at sjgames.com/heroes/castles/.

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Check out the other Cardboard Heroes sets:
Cardboard Heroes Castles: Walls and Towers - The first Castles set. 20 pieces, compatible with this set, including high towers and low walls for more varied castle design.

Cardboard Heroes Fantasy Miniatures - over 400 cardboard stand-up figures in 25 mm scale. No painting . . . use them instantly!

Cardboard Heroes Dungeon Floors - 107 rooms and corridors for fantasy adventures, with squares on one side and hexes on the other.

The stone pattern matches the castles in this set.
Cardboard Heroes Caverns Floors - 83 caverns and tunnels for underground excitement. And they link to the Castle Floors! And coming soon:
Cardboard Heroes Modern Miniatures . . . and more Cardboard Heroes Castles sets!

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