

Build a Cardboard Teeny Tiny House



Pick this design if you want a teeny tiny-sized project that uses materials you already have and kid-friendly tools that are easy to use. A cardboard teeny tiny house is just the right size for action figures, dolls, or other small toys. We suggest building it from recycled cardboard that you probably have in your garage or around the house already!

Suggested Materials

Recycled materials including cardboard and other items to use for trim and decoration, such as:

- Cereal boxes
- Pop-Tart boxes
- Shipping Boxes
- Milk/Juice Cartons
- Bottle caps
- Toothpicks
- Craft sticks
- Fabric scraps

Tools You Might Need

- "Toolbox" (real toolbox, bag, box, bucket, etc.)
- pencil/pen/sharpie marker
- Measuring tape and/or ruler
- Scissors
- Box cutter (only use with adult supervision)
- Hot glue gun
- White glue or glue sticks
- Construction Paper
- Crayons/Colored Pencils/Markers
- Grid paper
- Copy paper
- Safety glasses

Link for Pattern Ideas

<https://www.thesprucecrafts.com/free-plans-for-dolls-houses-2365451>

Parent Disclaimer:

By participating in the Virtual Tiny House Design Innovation Camp your camper will learn about the construction career path. They will view recorded and live video demonstrations from expert contractors and innovation specialists to learn about measuring, cutting, joining, and finishing construction projects. Please understand that this is a virtual experience. We will provide inspiration, instruction, and guidance throughout the process, but parents/guardians are responsible for monitoring the in person safety and progress of the projects campers engage in.

We suggest you and your camper review and select a project to work on during camp week. Please help your camper gather materials and tools needed for the chosen design so they are prepared to begin on the first day of camp!

Build a Cardboard/Foam Board Tiny House



Pick this design if you want to build a castle, play house, fire station, grocery store, or other type of playhouse big enough for you and a friend to play in! This project will require larger pieces of cardboard or other non-wood building materials.

Suggested Materials

Recycled materials including cardboard and other items to use for trim and decoration, such as:

- Appliance boxes
- Flat cardboard from Costco or Sam's Club
- Shipping Boxes
- Foam Board sheets
- Fabric scraps
- Tempera paint

Tools You Might Need

- "Toolbox" (real toolbox, bag, box, bucket, etc.)
- pencil/pen/sharpie marker
- Measuring tape and/or ruler
- Scissors
- Box cutter (use with adult supervision)
- Hot glue gun
- White glue or glue sticks
- Construction/Copy Paper
- Crayons/Colored Pencils/Markers
- Grid paper
- Paint brushes
- Safety glasses

Link for Pattern Ideas

<https://abeautifulmess.com/2014/10/make-a-collapsible-play-house.html>

Parent Disclaimer:

By participating in the Virtual Tiny House Design Innovation Camp your camper will learn about the construction career path. They will view recorded and live video demonstrations from expert contractors and innovation specialists to learn about measuring, cutting, joining, and finishing construction projects. Please understand that this is a virtual experience. We will provide inspiration, instruction, and guidance throughout the process, but parents/guardians are responsible for monitoring the in person safety and progress of the projects campers engage in.

We suggest you and your camper review and select a project to work on during camp week. Please help your camper gather materials and tools needed for the chosen design so they are prepared to begin on the first day of camp!

Build a Tiny Birdhouse



Pick this design if you want to build a house for your feathered friends. This design uses recycled materials and tools that you'll need adult supervision when using. You'll also want to think about the types of birds you want to encourage to visit your birdhouse.

Suggested Materials

Recyclable materials such as:

- Plywood
- Wood Scraps
- Aluminum/Tin
- Old license plates
- Plastic bottles
- Paint

Tools You Might Need

- "Toolbox" (real toolbox, bag, box, bucket, etc.)
- pencil/pen/sharpie marker
- Measuring tape and/or ruler
- Hammer
- Nails
- Caulk
- Wood glue
- Sandpaper
- Grid paper
- Mask/Safety glasses
- Paint brushes

Link for Pattern Ideas

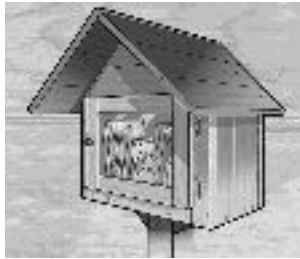
<https://www.thespruce.com/free-birdhouse-plans-1357100>

Parent Disclaimer:

By participating in the Virtual Tiny House Design Innovation Camp your camper will learn about the construction career path. They will view recorded and live video demonstrations from expert contractors and innovation specialists to learn about measuring, cutting, joining, and finishing construction projects. Please understand that this is a virtual experience. We will provide inspiration, instruction, and guidance throughout the process, but parents/guardians are responsible for monitoring the in person safety and progress of the projects campers engage in.

We suggest you and your camper review and select a project to work on during camp week. Please help your camper gather materials and tools needed for the chosen design so they are prepared to begin on the first day of camp!

Build a Tiny Free Library



Pick this design to share the joy of reading with your neighborhood! Your tiny free library will house gently used books that you and your neighbors or friends are ready to share with other readers. This design will need to be weatherproof and you'll want to install it where other people can access it easily.

Suggested Materials

Recycled materials including:

- 2x4 boards
- Wood scraps
- Glass or Mesh (for windows)
- Hinges
- Door knobs
- Shelving
- Paint

Tools You Might Need

- "Toolbox" (real toolbox, bag, box, bucket, etc.)
- pencil/pen/sharpie marker
- Measuring tape and/or ruler
- Hammer
- Nails
- Grid paper
- Safety glasses/Mask
- Paint brushes
- Sandpaper
- Level
- Saw (used with parent supervision)
- Screws/screwdriver

Link for Pattern Ideas

<https://littlefreelibrary.org/build/>

Parent Disclaimer:

By participating in the Virtual Tiny House Design Innovation Camp your camper will learn about the construction career path. They will view recorded and live video demonstrations from expert contractors and innovation specialists to learn about measuring, cutting, joining, and finishing construction projects. Please understand that this is a virtual experience. We will provide inspiration, instruction, and guidance throughout the process, but parents/guardians are responsible for monitoring the in person safety and progress of the projects campers engage in.

We suggest you and your camper review and select a project to work on during camp week. Please help your camper gather materials and tools needed for the chosen design so they are prepared to begin on the first day of camp!

Build a Wooden Tiny Playhouse



Pick this design if you want to build an outdoor play structure that will withstand weather and time. This design uses wood and woodworking tools, so you'll need adult supervision for this one. It would be a great family project..

Suggested Materials

- Plywood
- 2 x 4s
- Pallets
- Shingles
- Paint
- Fabric/Wallpaper

Tools You Might Need

- "Toolbox" (real toolbox, bag, box, bucket, etc.)
- pencil/pen/sharpie marker
- Measuring tape and/or ruler
- Hammer
- Nails
- Screws
- Level
- Saw
- Sandpaper
- Grid paper
- Screwdriver
- Safety glasses/Mask

Link for Pattern Ideas

<https://www.thesprucecrafts.com/free-playhouse-plans-1357134>

Parent Disclaimer:

By participating in the Virtual Tiny House Design Innovation Camp your camper will learn about the construction career path. They will view recorded and live video demonstrations from expert contractors and innovation specialists to learn about measuring, cutting, joining, and finishing construction projects. Please understand that this is a virtual experience. We will provide inspiration, instruction, and guidance throughout the process, but parents/guardians are responsible for monitoring the in person safety and progress of the projects campers engage in.

We suggest you and your camper review and select a project to work on during camp week. Please help your camper gather materials and tools needed for the chosen design so they are prepared to begin on the first day of camp!