

At the Keep

Medieval fantasy scene



A DIY popup card kit
FlatPackScenery.com

Requirements

- 1.** All parts printed onto card. A stiff card stock of 180gsm or more is recommended. Lighter card may benefit from additional layers for added stiffness. See 'Solid foundations' section for more details.
- 2.** Scissors and a Scalpel or sharp knife for cutting card. The knife is required as some small details are not easily 'snippable' with scissors.
- 3.** Glue suitable for your selected card. Experiment with scrapes of card to test if you are unsure.
- 4.** Ruler and tool to crease straight lines. Accurate folds are required for the card to operate correctly. A blunt table knife or similar works well.

Preparation

- 1.** Print the last 3 pages of these instructions onto stiff card. These contain all required parts for construction.
 - 2.** Crease along all dotted lines and between arrows marking crease lines. It is recommended to do this before cutting out the shapes for better accuracy. A good crease will appear as a thin indent in the paper with no tearing of the surface. The paper should naturally and easily fold along the crease when folding.
 - 3.** Mark the Keep's Roof height on the reverse side of the Keep. This will be used to correctly align the roof in step **B** of 'Construct the Keep'
 - 4.** Cut the shapes out. Accurate cutting of black lines is required where tab alignment is important. When cutting the 'cut inside lines' (grey) choose how close to the artwork you want to cut. Distance from the artwork is not critical and allowing a 1 or 2 millimetre gap makes for easier cutting but still looks great.
 - 5.** Fold along crease lines. Ensure all folds are well defined and move easily for the smoothest operation of the card's pop-up mechanisms.
- Pressing folds flat with the back of a spoon, or similar blunt item, can aid with well defined folds if needed.

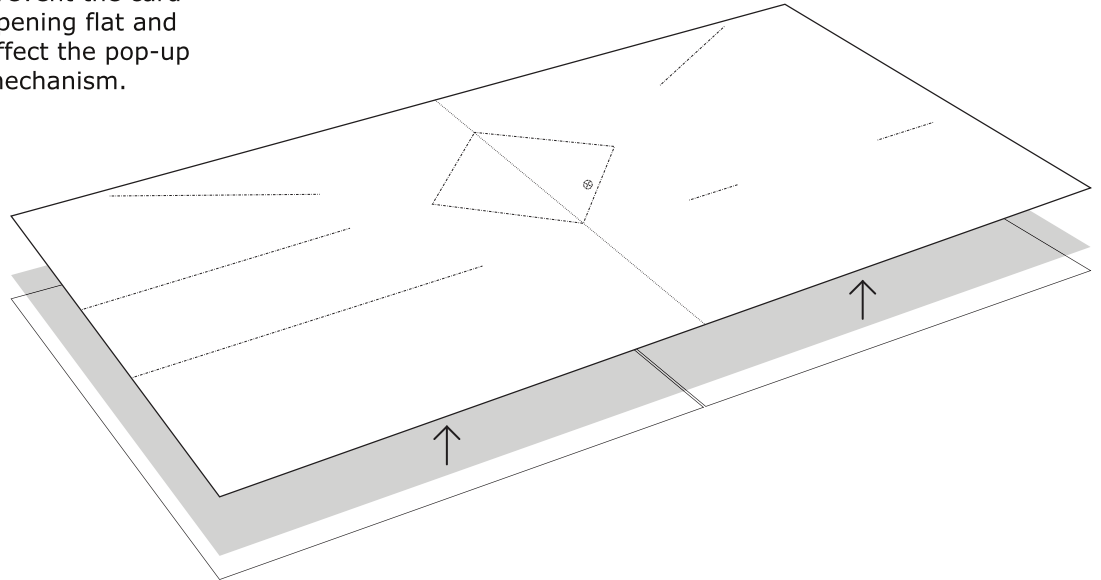
Solid foundations (optional)

If you are using light card consider reinforcing the Ground. Cut out a 'front' and 'back' in heavy card and glue to the reverse halves of the Ground. The heavier, stiffer, and flatter the ground the better the pop-up mechanism works.

the ground or created on a separate piece of paper and glued on.

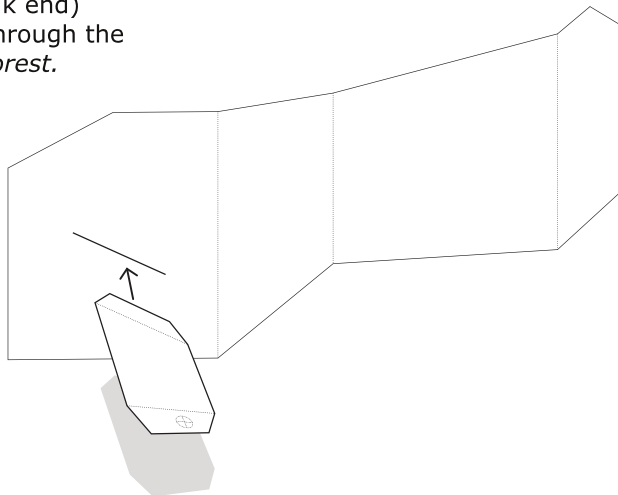
Avoid gluing across the fold as this may prevent the card opening flat and affect the pop-up mechanism.

Alternatively, or additionally, design and create a front and back to your card. it could be applied directly to the reverse side of



Supports and slots

A. Forest-support tab (blank end) inserts through the slot of *Forest*.

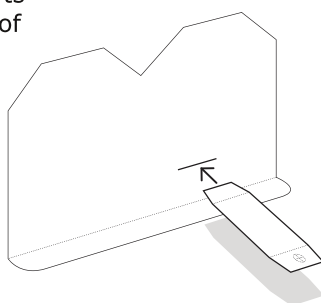


All slots require cutting with a knife/scalpel.

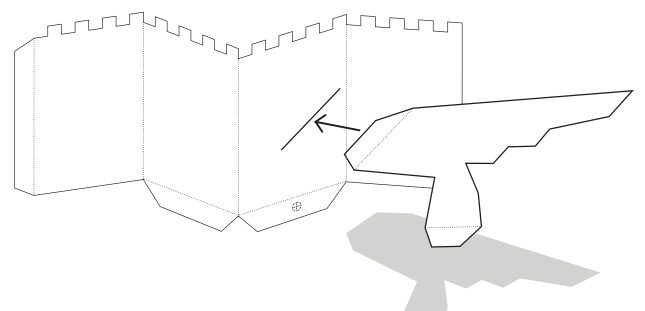
Once inserted, each tab is glued downwards to the reverse side of the part it passed through.

To assist with clarity, these inserted parts are not shown again in diagrams until they are required.

B. Trees-support tab (blank end) inserts through the slot of *Trees*.

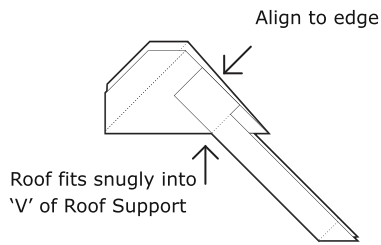


C. Wing tab inserts through the slot of *Keep*.

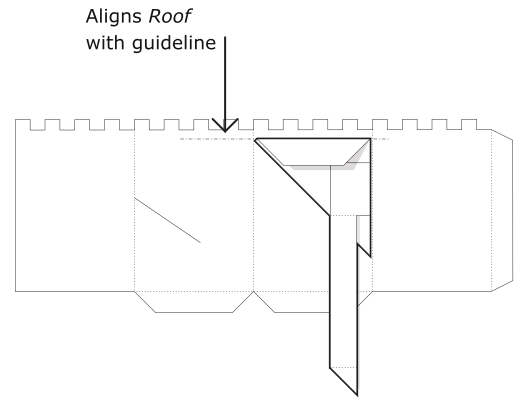


Construct the Keep

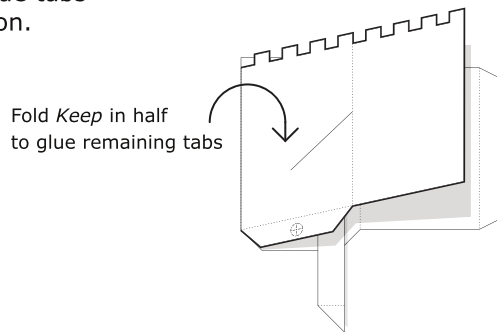
A. Glue the *Roof* support onto the underside of the *Roof*. It is important to align the *Roof-support* correctly for correct function.



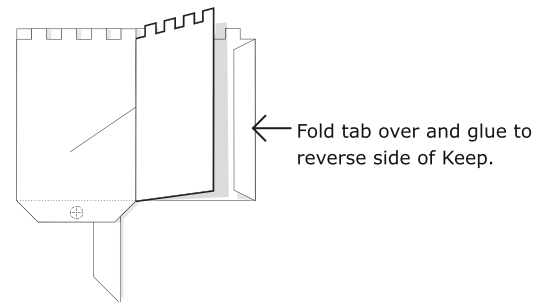
B. Glue The tabs one side of *Roof* and *Roof-support* to the reverse side of *Keep*. Align with your roof height marked earlier.



C. Apply glue to the remaining tabs of the *Roof* and *Roof-support*. Fold the *Keep* to glue tabs into position.

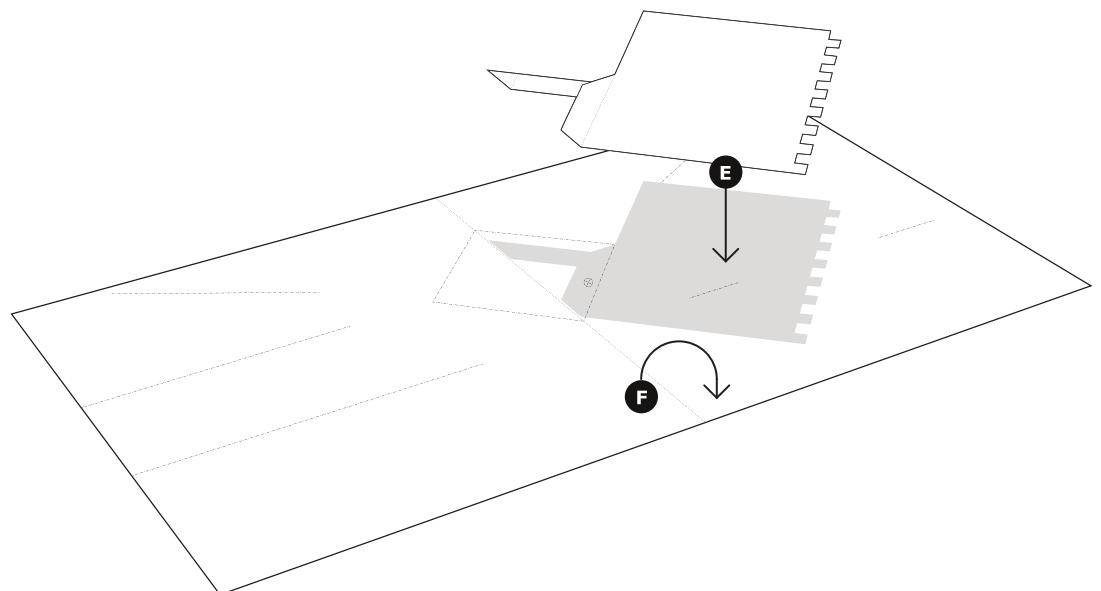


D. Fold the *Keep* wall tab in and glue to the reverse side of the wall aligned with it.



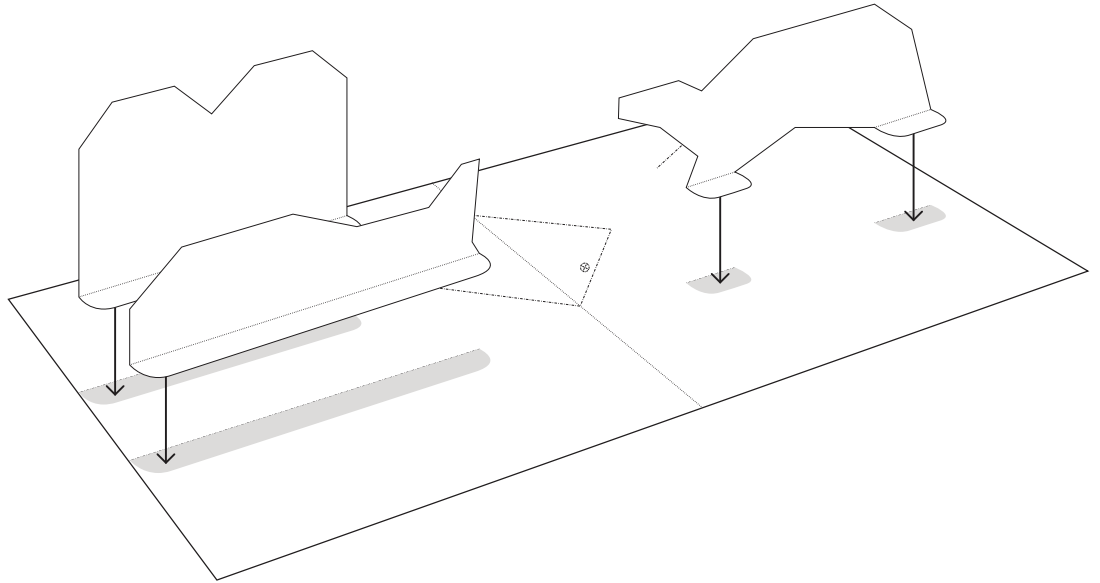
E. Glue one side of the *Keep* and *Roof-support* to the *Ground*. Orient such that the alignment mark on the *Keep* tab aligns with the mark on the ground.

F. Apply glue to the other tabs of the *Keep* and *Roof-support* and glue them to the ground. This can be done by folding up the card and pressing the ground onto the tabs.

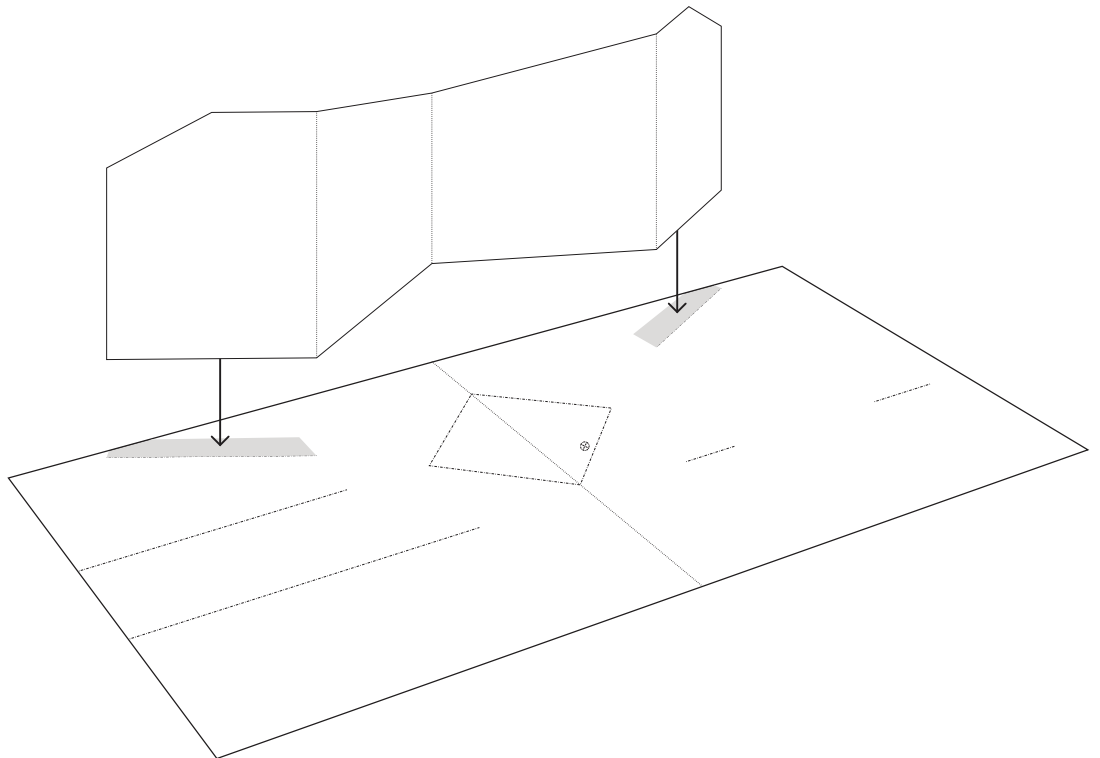


Flora and fauna

A. Glue Trees, People, and Dragon to the Ground. Align their folds with their respective alignment lines.



B. Glue the Forest tabs to the Ground, aligning the folds with their relevant guidelines.

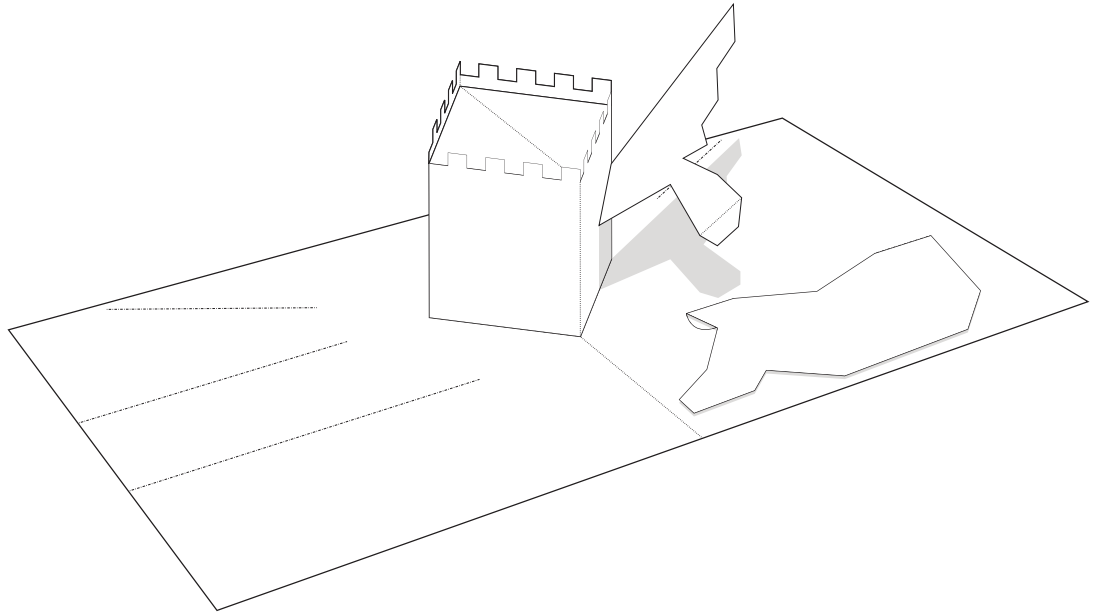


Join it all together

A. Fold Dragon forward flat onto the ground.

B. Apply glue to the upper surface of the wing tab and fold so glue surface is facing down.

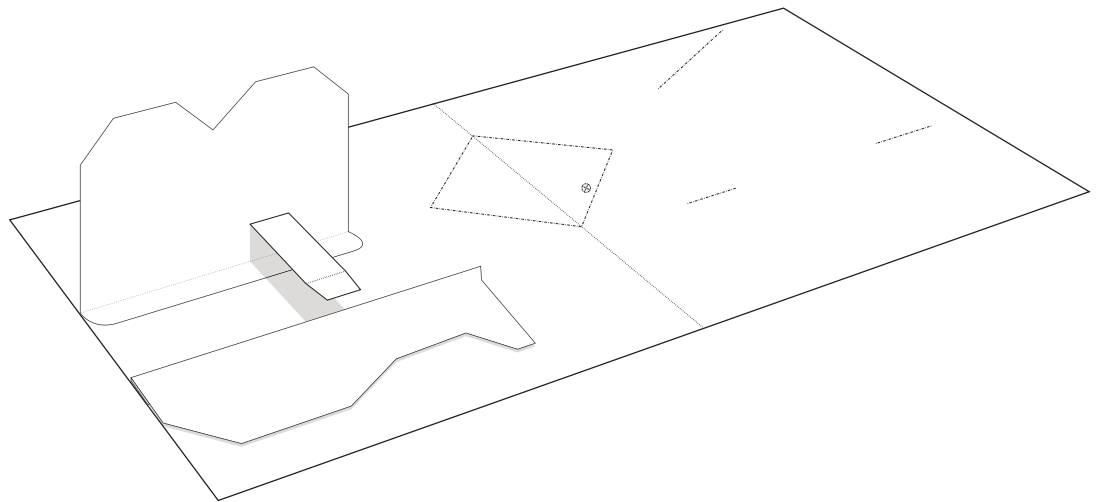
C. Carefully close the card gluing the Wing tab to the reverse of the dragon in the closed position.



D. Fold the People forward flat onto the ground

E. Apply glue to the upper surface of the Trees-support tab and fold so glue surface is facing down.

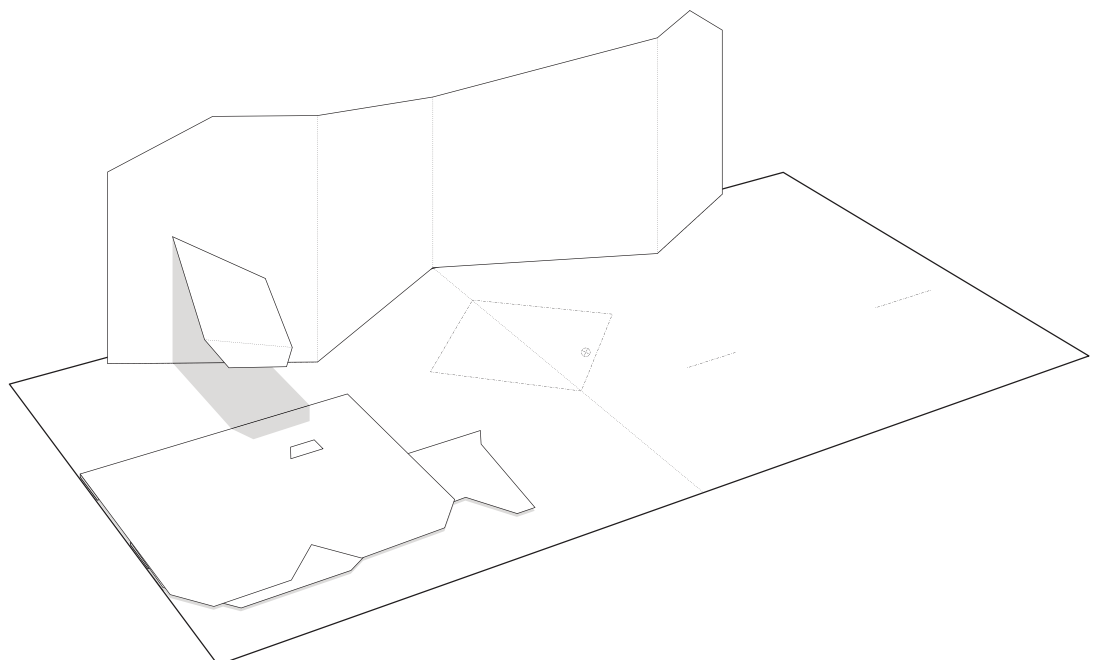
F. Carefully push the Trees forward and flat onto the ground, gluing the tab to the reverse of the people.



G. Fold Trees/People forward flat onto the ground

H. Apply glue to the lower surface of the Forest-support tab keeping the tab flat so glue surface is facing down.

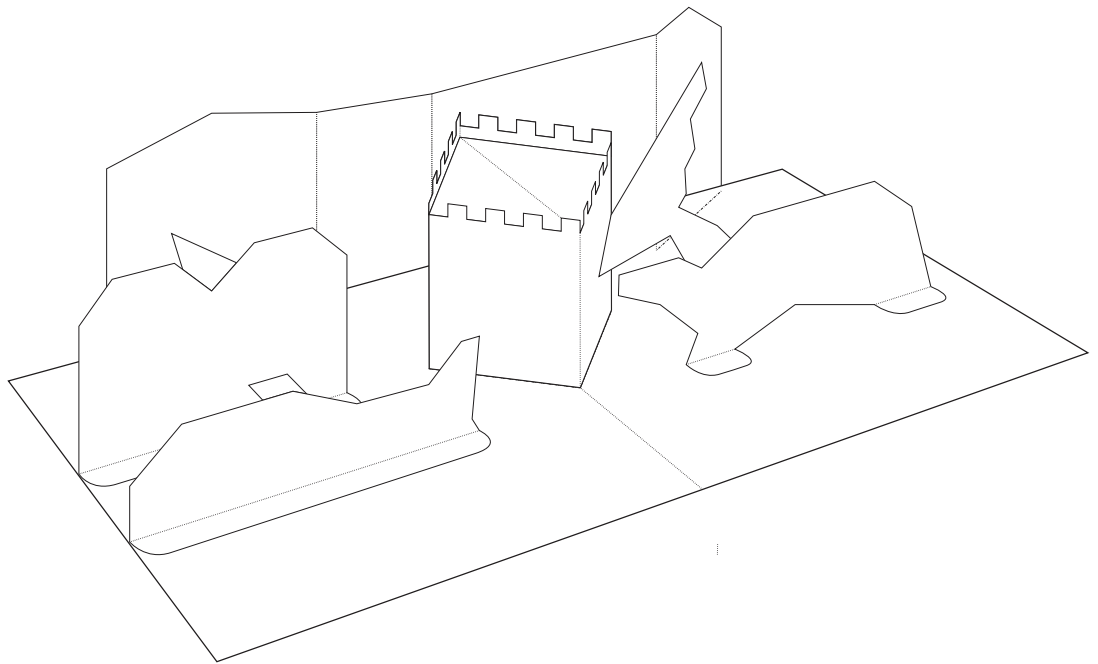
I. Carefully close the card gluing the Forest-support tab to the reverse of the Trees in the closed position.



The completed card

With all parts glued together, the card should now open with all parts popping up into upright position and the ground laying flat.

Closed fully all parts should sit flat with no buckling.



Parts

Print the following pages onto a stiff card stock.

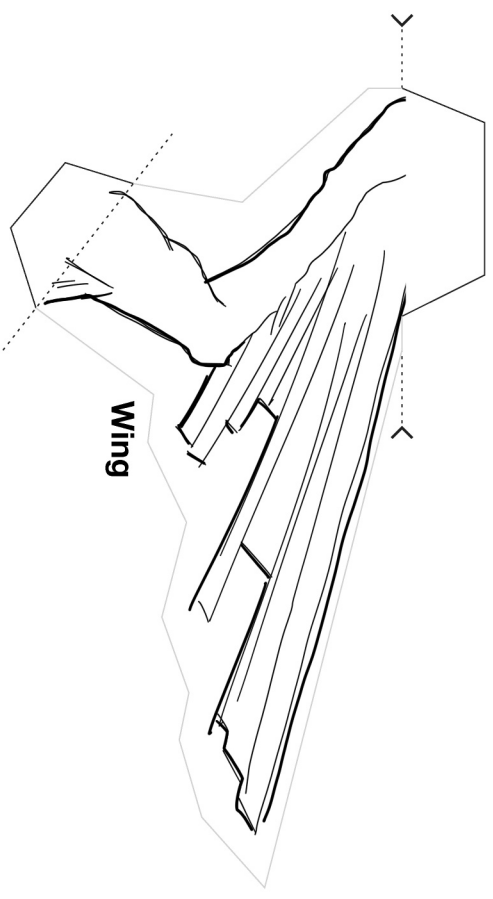
All parts are marked with guidelines to assist with cutting and folding. Use the legend here to help interpret them.

Legend

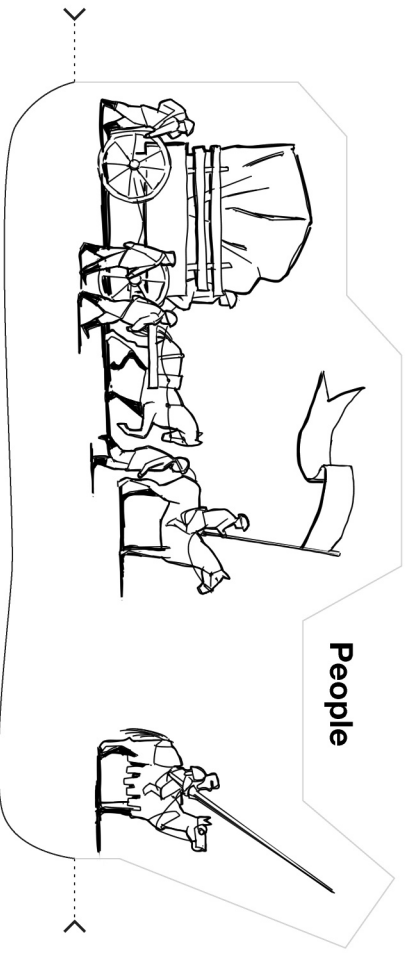
----- Align ————— Cut on line ———— Cut inside line
..... Fold >.....< Fold between arrows



Dragon



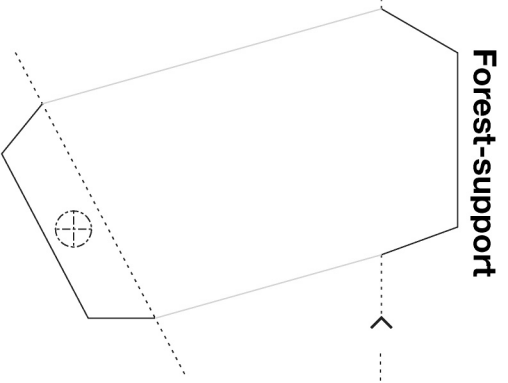
Wing



People



Trees-support

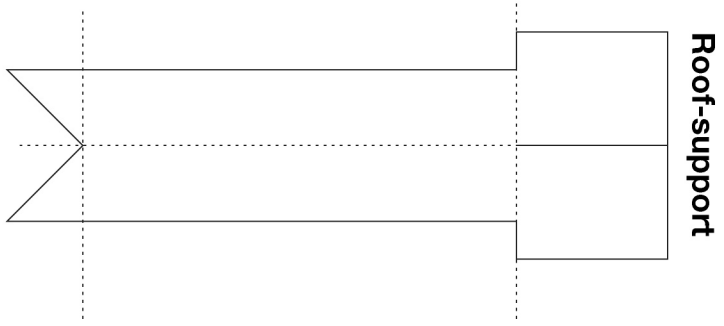


Forest-support



Trees

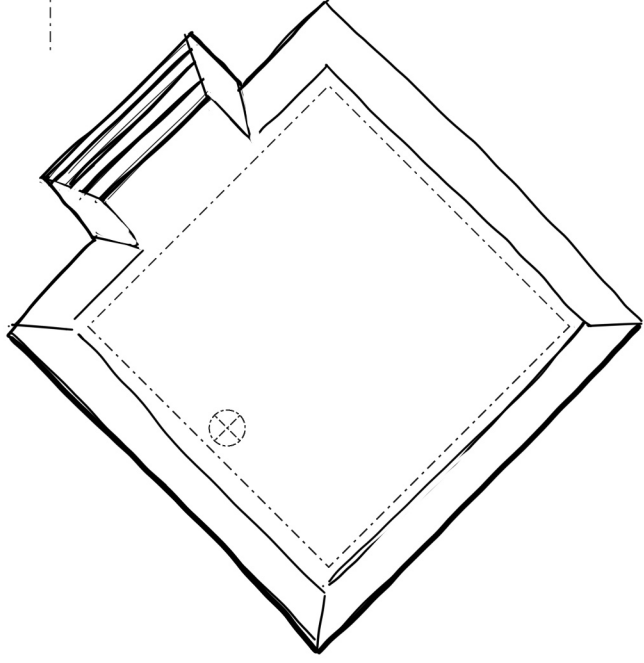
← cut slot



Roof-support



Ground



FlatpackSceneTV.com



