

Objectives:

Students will...

- Learn how human homes affect the environment by discussing our own homes and looking ancient and indigenous homes.
- Discuss building materials by referencing architectural books and cultural books.
- Understand how to apply foreground and background in their project by having the foreground images literally pop out, while background images are flat.



Materials:

- Construction paper (standard size)
- Markers
- Scissors
- Glue
- Ruler
- Books with pictures about architecture/homes around the world/development of buildings

Procedure:

Discussion (15 minutes)

PROMPTS (10 minutes)

- *What are our houses made out of?*
 - *Brick, wood, concrete, steel*
- *Do these homes operate differently with nature compared to the animal homes? How?*
 - *Sometimes you have to knock trees down, forests might be reduced, dams may be built*
- *Do you think homes/shelters could be constructed from materials found in nature?*
 - *Explain Ancient Pueblo Peoples –Mesa Verde (natural cave dwellings, cliff sides, stone structures)*
- *Why would they live there? What's the temperature like in the American Southwest?*
 - *Natural air conditioner, shade*

Pass out pictures of Frank Lloyd Wright's *Falling Water House* + Kim Cogan paintings

- *How does Frank Lloyd Wright's house design fit in the surrounding nature? (point out waterfall, color schemes, any other observations)*

My House

Lauren Martinkus

3rd and 4th grade

45 minutes

- Where is Kim Cogan depicting?
 - The city, urban areas

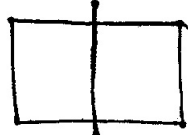
Compare-Contrast

PROJECT:

- Students will use construction paper to create pop out versions of their homes. First they will draw and design their homes in order to cut them out and later fold their pictures correctly to create the pop out.

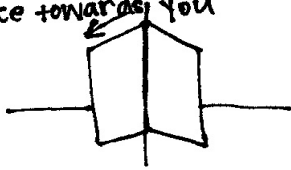
DEMO: (*pictures seemed more appropriate rather than a wordy description – also available through Resources link)

① **BACKGROUND (Full size paper)**



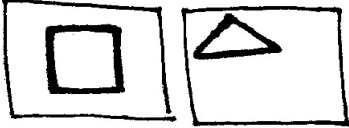
FOLD HAMBURGER style

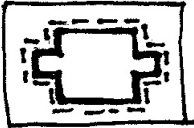
② stand up like a card
face towards you



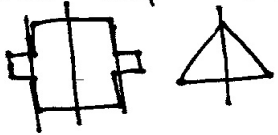
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③ - Choose paper for base + roof then draw shapes




BUT BEFORE YOU CUT OUT OR FOLD ④
*ADD TABS to base
like so →  cut around tabs

NOW CUT OUT + ⑤
FOLD SHAPES + TABS




Face "away" from you ⑥
Fold tabs under




.....

⑦ Glue roof + base together
cut out windows, chimney,
decorate, etc.



⑧ Glue tabs onto background
so base "pops out"

ARIEL VIEW
(tabs tucked under) →  back ground base

My House

Lauren Martinkus

3rd and 4th grade

45 minutes

DISTRIBUTE MATERIALS

- Have students come up by row or table and choose paper colors

Work Session: (20 minutes)

- Walk around, ask questions, help with technical problems

Clean up and Closure (5 minutes)

- *Did you make a house or a different type of structure? Why?*
- *What is your house made out of? How can you tell?*

