

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## "Colorado or Bust" • Trimester 2 History PBL

*This sheet is a condensed version of the presentation which was used in class to introduce this PBL. All of the information from the presentation IS contained here, but if you would like to view the presentation again, you may download the file from [mrcushing.net](http://mrcushing.net)*

### Scenario

- You are an architectural historian working for History Colorado. Your department has been tasked with constructing a model of a typical Colorado mining town from the 1870s. As part of the construction team, you will be making one building for the model town.



### Buildings

- You can choose to construct one of the following buildings:

apothecary	cemetery	law office	sawmill school
assay office	church	livery stable / tack shop	schoolhouse
bakery	doctor's office	livestock company	sheriff's office / jail
bank	fire hall	lodge hall	smelter
barber / dentist	freight company	newspaper	stage office
blacksmith	general store	photography shop	telegraph office
boarding house	gunsmith	post office	theatre
brickyard / kiln	hotel	provost marshal	town hall
butcher	land claims office	restaurant	train station
carpentry shop	laundry	saloon / casino	undertaker

- The building I selected is

### General Information

- Each student will construct their own model building.
- The best of all the buildings will be included in a model town. Being chosen to be on the town will have no impact on your grade.
- The project = **100 points** (Content Progress)
- Your finished building is due on

# Grading

Download the [full](http://mrcushing.net) grading rubric at **mrcushing.net**.

- This project will be scored using the following grading criteria.

REFERENCE PHOTOGRAPH		Honors Credit
size of photograph	8.5 x 11" minimum	
number of photos	one photograph is required	multiple pictures

BLUEPRINTS		Honors Credit
scale	blueprints are created on a 1:1 scale	
format	hand-drawn blueprints are acceptable; . is extra credit.	Sketch-Up • CAD • OnShape
color swatches	colored pencil samples are acceptable	reference to paint catalogs on mrc.net
perspective	elevation (front), silhouette (side), and plan (top) are mandatory	3D rendering

MODEL BUILDING		Honors Credit
scale	Is your model on- or off-scale? * see Scale Guide below	
construction	Is your model solid? Or is it falling apart?	
color	Two or three colors are mandatory.	full-color
appearance	Is your model neat and clean? Or is it careless and sloppy?	
detail	Some detail is mandatory.	extensive detail
accuracy	Is your model serious, and accurate for 1870s Colorado?	
typology	Is it clear what type of building your've made a model of?	

**SCALE GUIDE** Our town is being built at "HO Scale" (a popular model railroading scale). So...

a person	a standard door	a one-story building	a two-story building	a three-story building
.75 inch tall	1 in. tall	1.5 in. tall	3.0 in. tall	4.5 in. tall

The **width** and **depth** of your model should be consistent with what you observe in your **reference photograph(s)**.

## Project Materials

- balsa wood, manilla folder stock, scissors, X-Acto knives, rulers, and white glue will be available to you. If you choose to use other materials, it is your responsibility to acquire them.
- You may use foamboard, but you can NOT make your model out of styrofoam.
- You MUST bring a gallon size Ziplock bag to class in order to store the loose pieces of your model.

## Prerequisites & Warnings

- You must submit a set of architectural blueprints to your project supervisor (Mr. Cushing) before starting construction. No construction can begin until your blueprints have been approved.
- You are to make only the exterior of your building . Do NOT make interiors, or ground areas.
- DO NOT BRING YOUR OWN X-ACTO KNIVES TO SCHOOL!
- This is NOT a homework assignment; it is a *classwork* assignment. You will NOT work on your model building at home until you are given clearance to do so.