



SECRET BUILDING CHALLENGE

WEDNESDAY, OCTOBER 28 @ 4PM



Thank you for participating in the October building challenge.

If you have any questions please email or call:

youth@westorangelibrary.org 973.736.0198, ext 6

During our ZOOM meeting we will discuss the **design process** and you will have a chance to tell the group about your creation.

This month we are challenged to examine:

1. weight of different materials (paper and paper clips)
2. limited resources



Owl Clip



NIAGARA CLIP



Weis Clip



PATENTED AUG 10, 1897



Materials:

10 paper clips (any kind, any size)

3 pieces of paper (any kind, any size: cardboard, construction, notebook, etc.)

Note the style of paper clip and size/type of paper (for example: cardboard, 8.5 x 11)

Tools you can use:

glue, tape, scissors, ruler, any writing instruments
(pen, pencil, marker, etc.)

The Challenge:

Construct using only paper clips and paper as your materials. You may use any of the tools listed above. The paper clips and paper can only be part of one design. So you can not make a paper clip chain, take it apart and use the same paper clips to design another object. Same goes for the paper, if you cut one of the sheets you can not add more sheets. You may choose to create one object or several using the materials.

Outcomes:

Was it your goal to create one design or did you decide to make multiple items?

Where you successful in your results?

Why? Why not? What could have been done differently?

Observations:

How does the thickness of your paper affect design?

What size/weight are your paper clips?